

The
ROLLAMO
1916

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MUM
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University of Missouri-Rolla



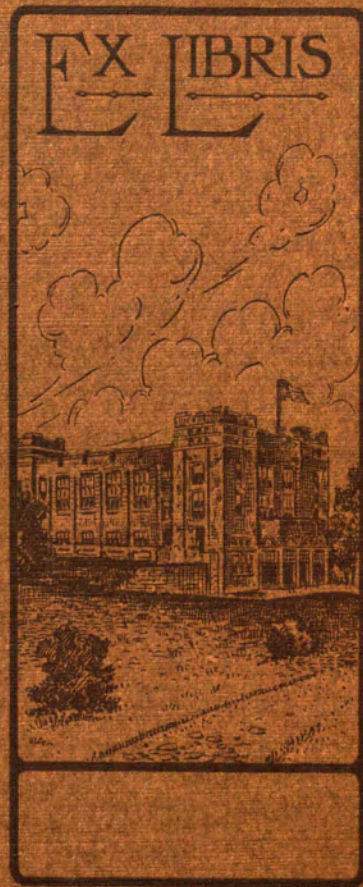
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CLOSED SHELF

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ROLLA, MISSOURI 65401-0249

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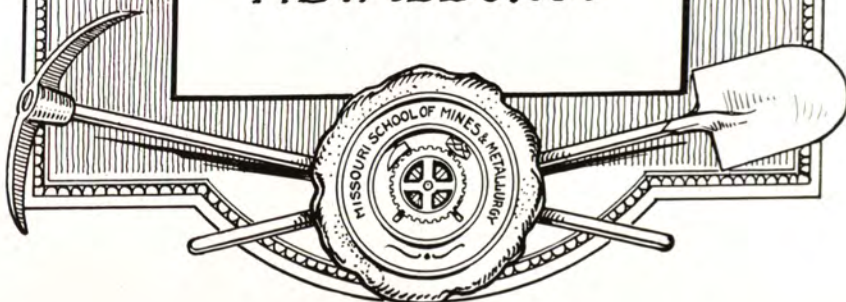
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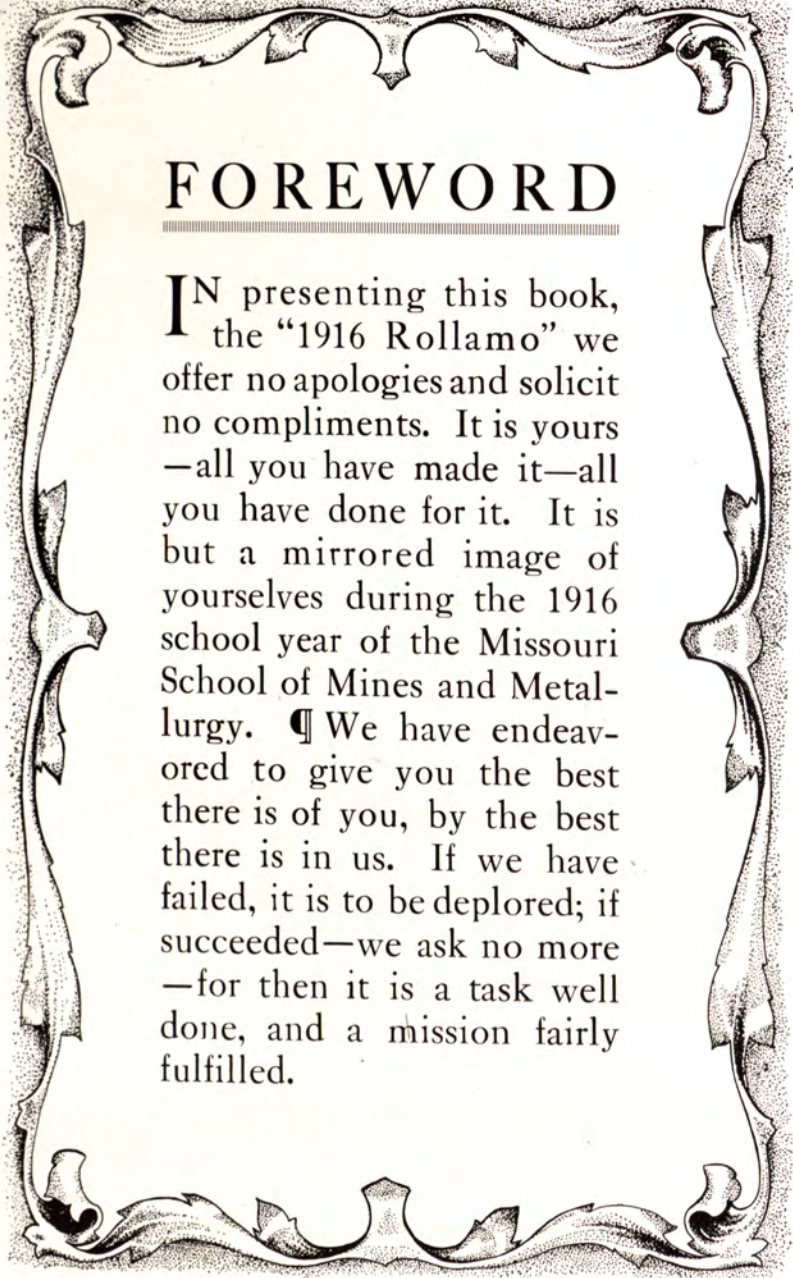


The
ROLLAMO

VOLUME 10
1916

PUBLISHED
ANNUALLY
BY THE
STUDENTS
OF THE
MISSOURI SCHOOL
OF
MINES
AND
METALLURGY





FOREWORD

IN presenting this book, the "1916 Rollamo" we offer no apologies and solicit no compliments. It is yours—all you have made it—all you have done for it. It is but a mirrored image of yourselves during the 1916 school year of the Missouri School of Mines and Metallurgy. ¶ We have endeavored to give you the best there is of you, by the best there is in us. If we have failed, it is to be deplored; if succeeded—we ask no more—for then it is a task well done, and a mission fairly fulfilled.

MINERS



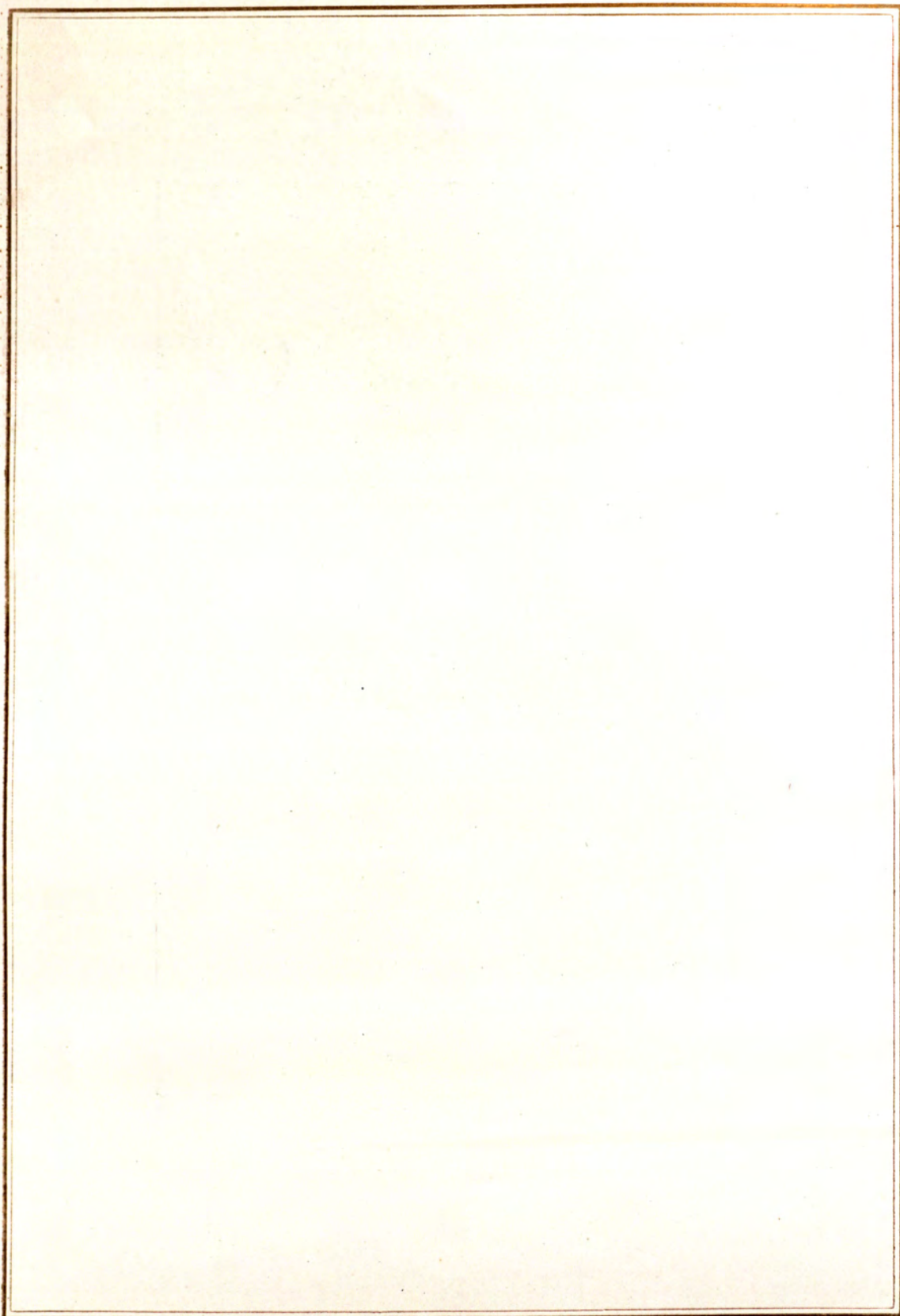
To
Leon Ellis Garrett, '01

**This Book is Respectfully
Dedicated**

LEON ELLIS GARRETT WAS BORN IN CAMP POINT, ILLINOIS, ON THE 31ST OF OCTOBER, 1872. HE LIVED THERE UNTIL HE WAS SEVEN YEARS OLD, AT WHICH TIME HIS FATHER MOVED TO MARYVILLE. HE ATTENDED THE PUBLIC SCHOOLS OF MARYVILLE, GRADUATING FROM THE MARYVILLE SEMINARY IN 1894. SEPTEMBER, 1898, SAW HIM ENROLLED AS A FRESHMAN AT THE MISSOURI SCHOOL OF MINES AND METALLURGY AND FROM WHICH INSTITUTION HE GRADUATED IN 1901. HE ATTENDED THE UNIVERSITY OF WISCONSIN FOR THE REGULAR TERM OF 1910-1911, AND SUPPLEMENTED THIS WITH SUMMER WORK AT THE SAME INSTITUTION. HE RETURNED TO THE MISSOURI SCHOOL OF MINES AND METALLURGY IN 1911, AND HAS BEEN HERE EVER SINCE.

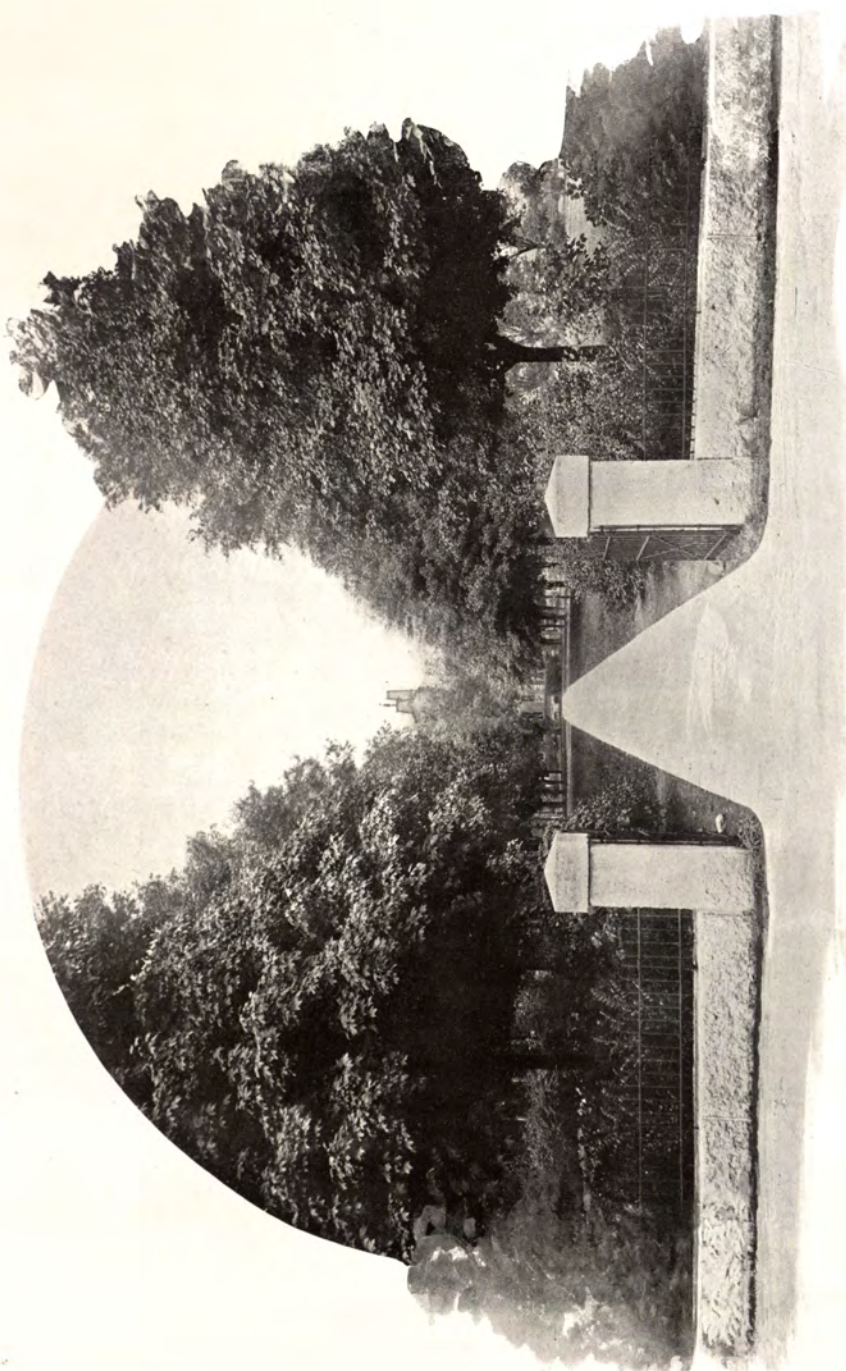


L. E. Garrett.





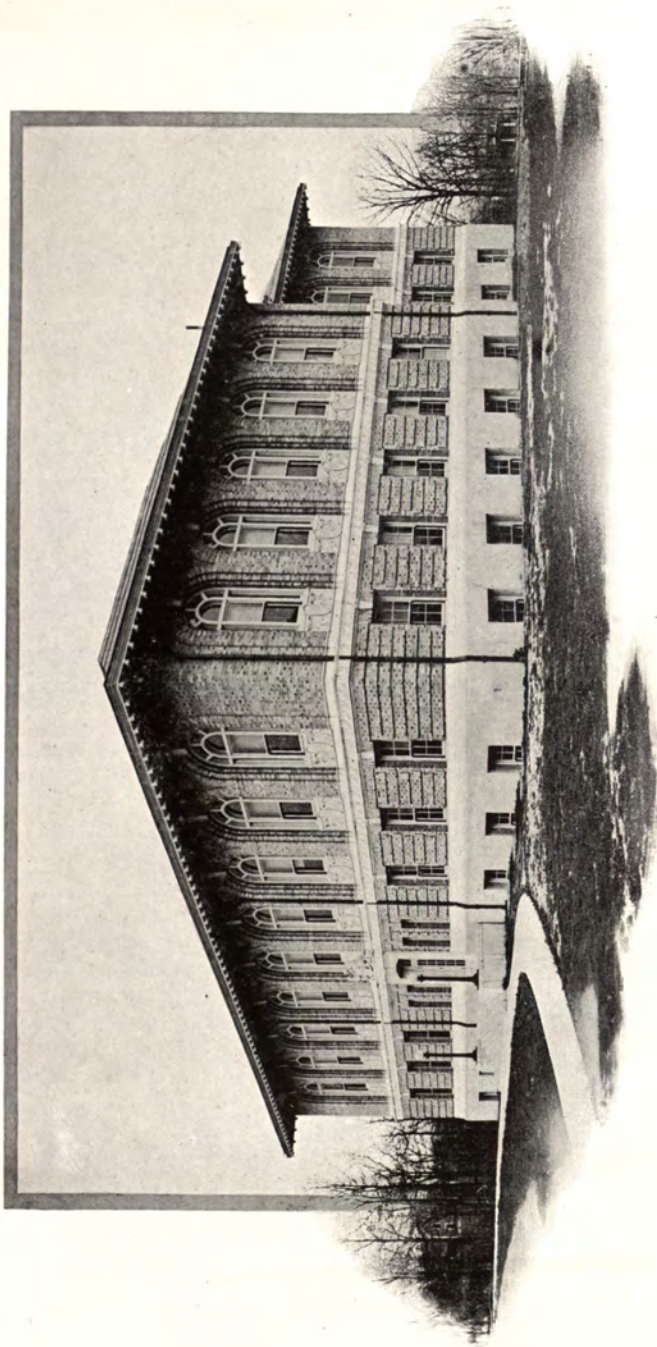
NORWOOD HALL



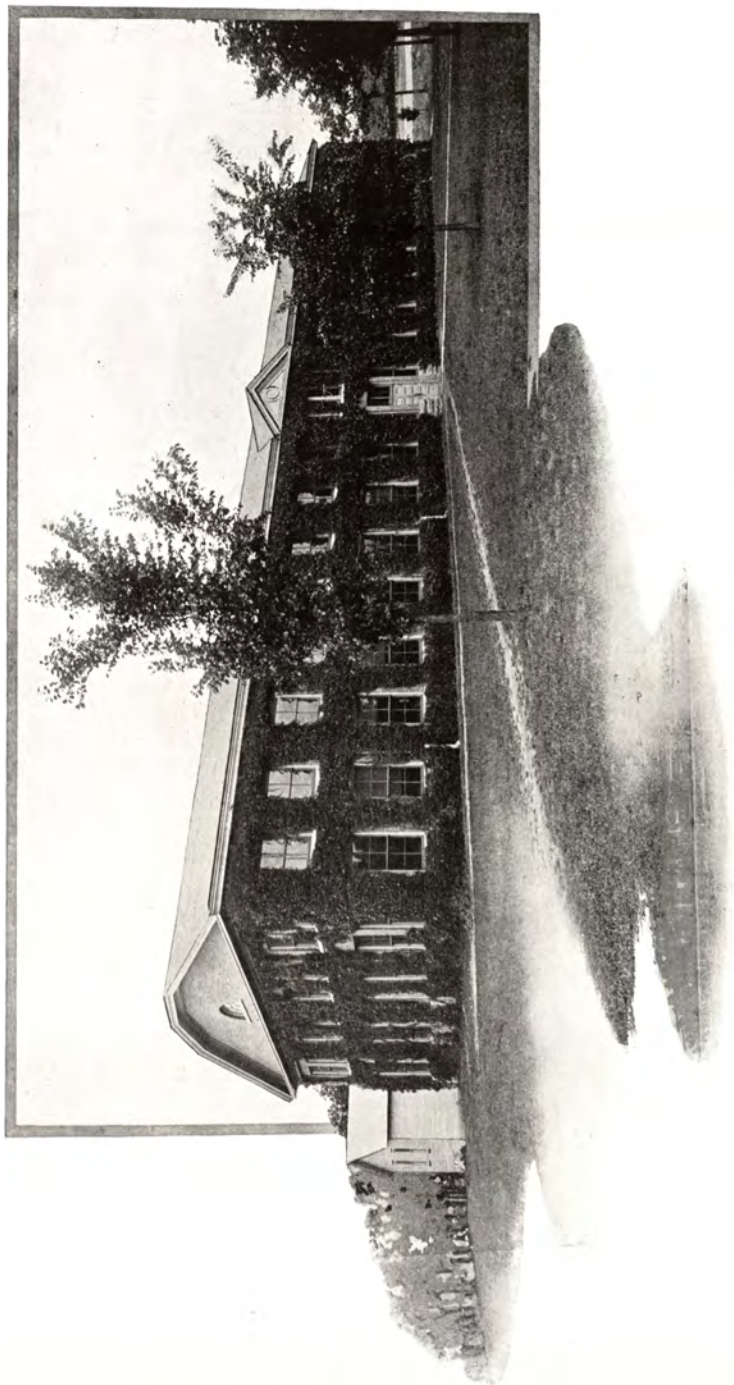
SOUTH GATES



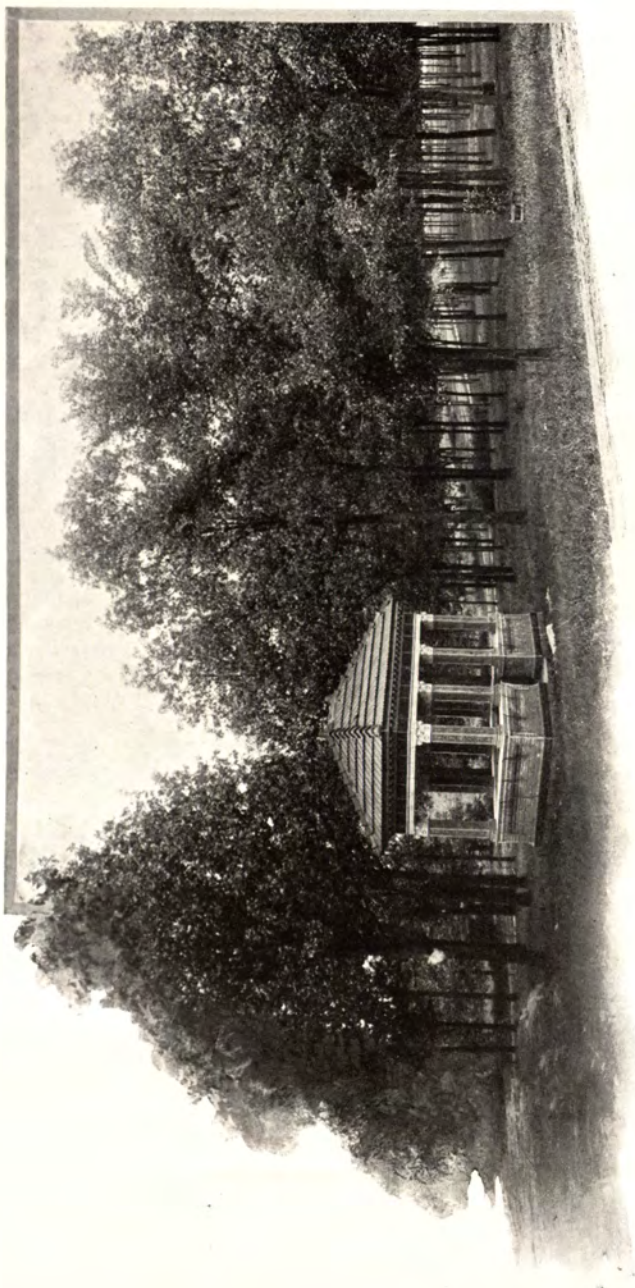
ROLLA BUILDING



PARKER HALL



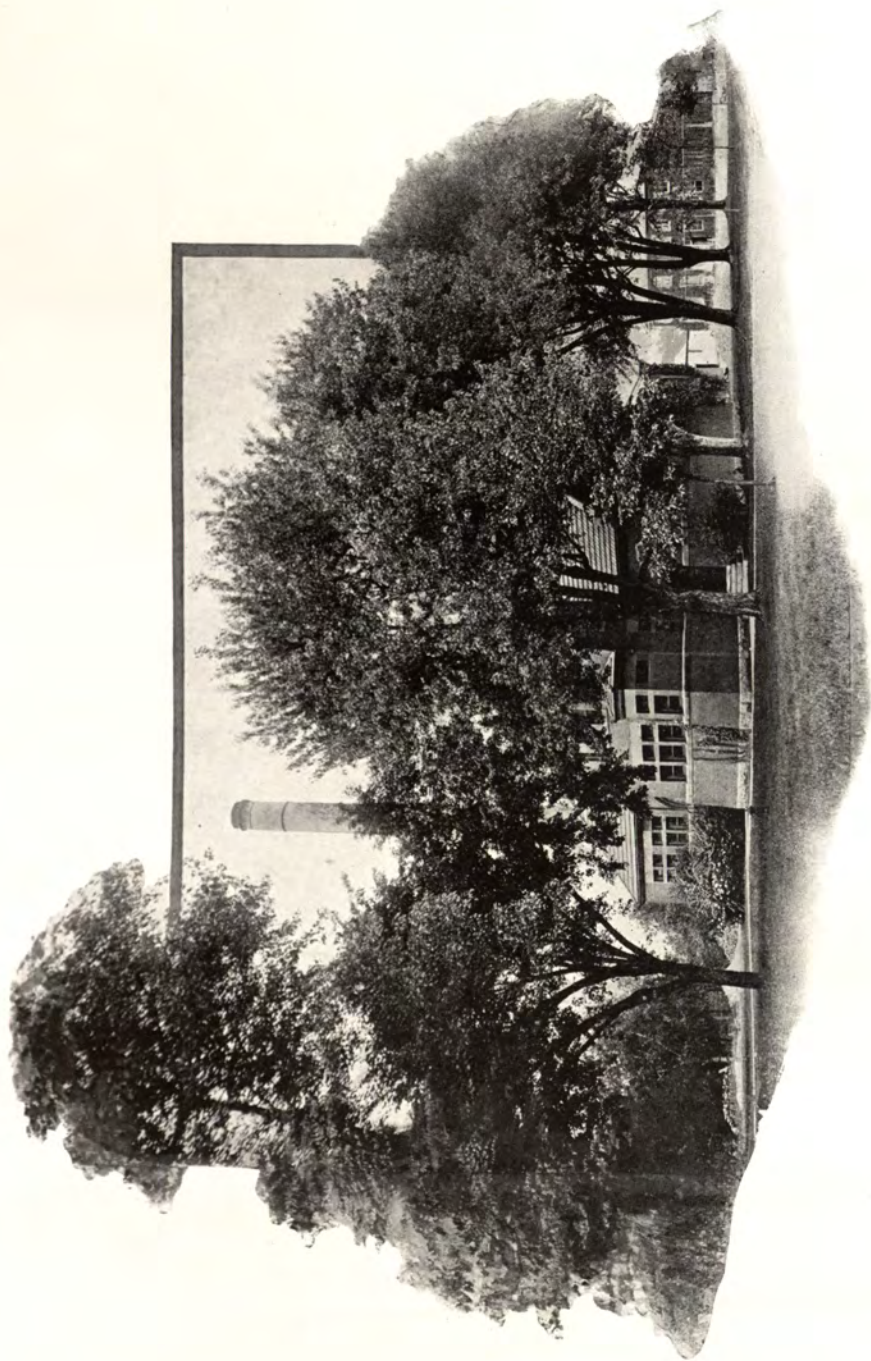
MECHANICAL HALL



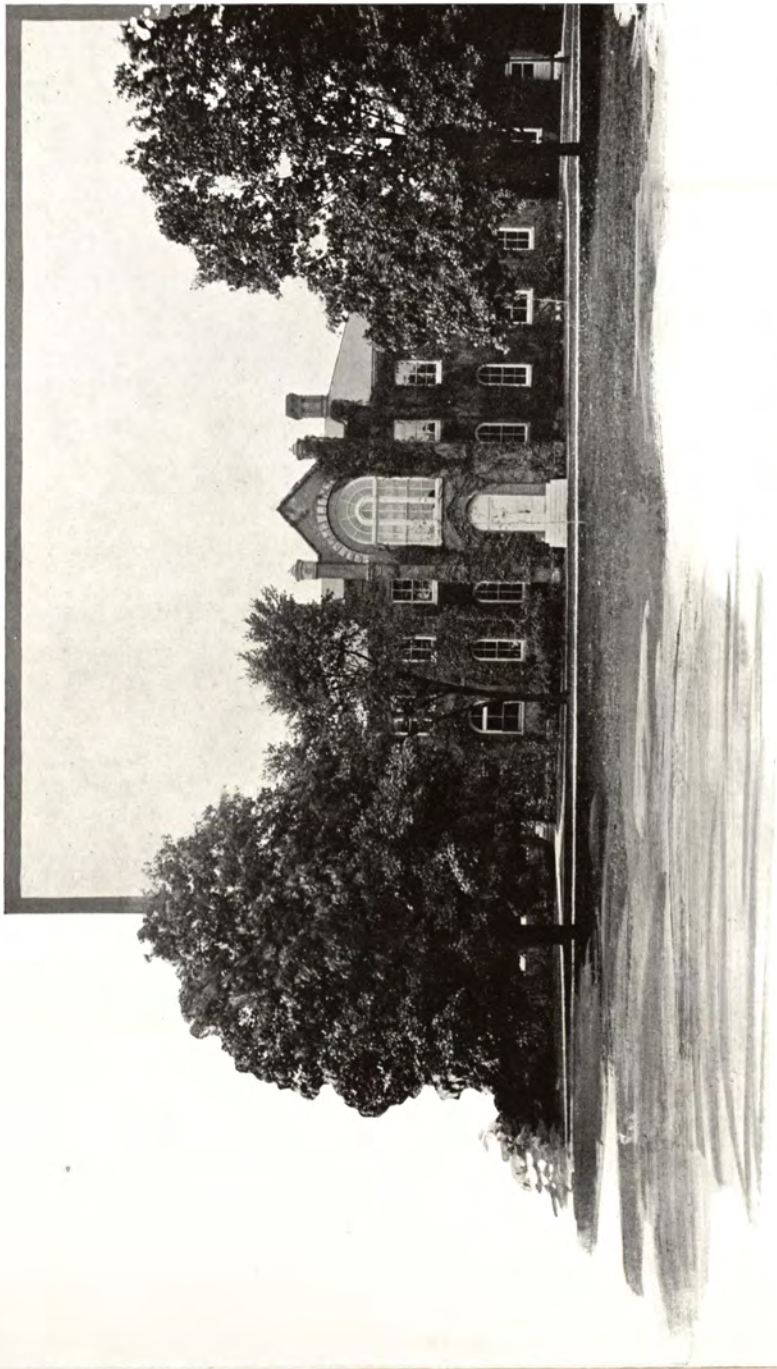
PAVILLION AND GROVE



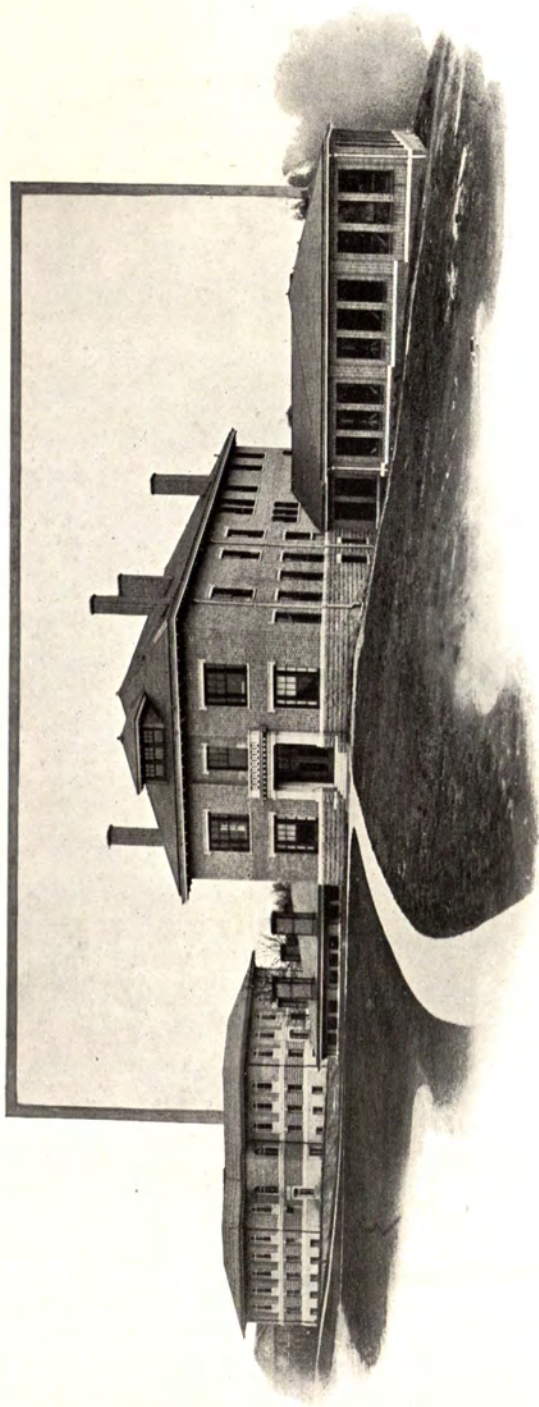
DIRECTOR'S RESIDENCE



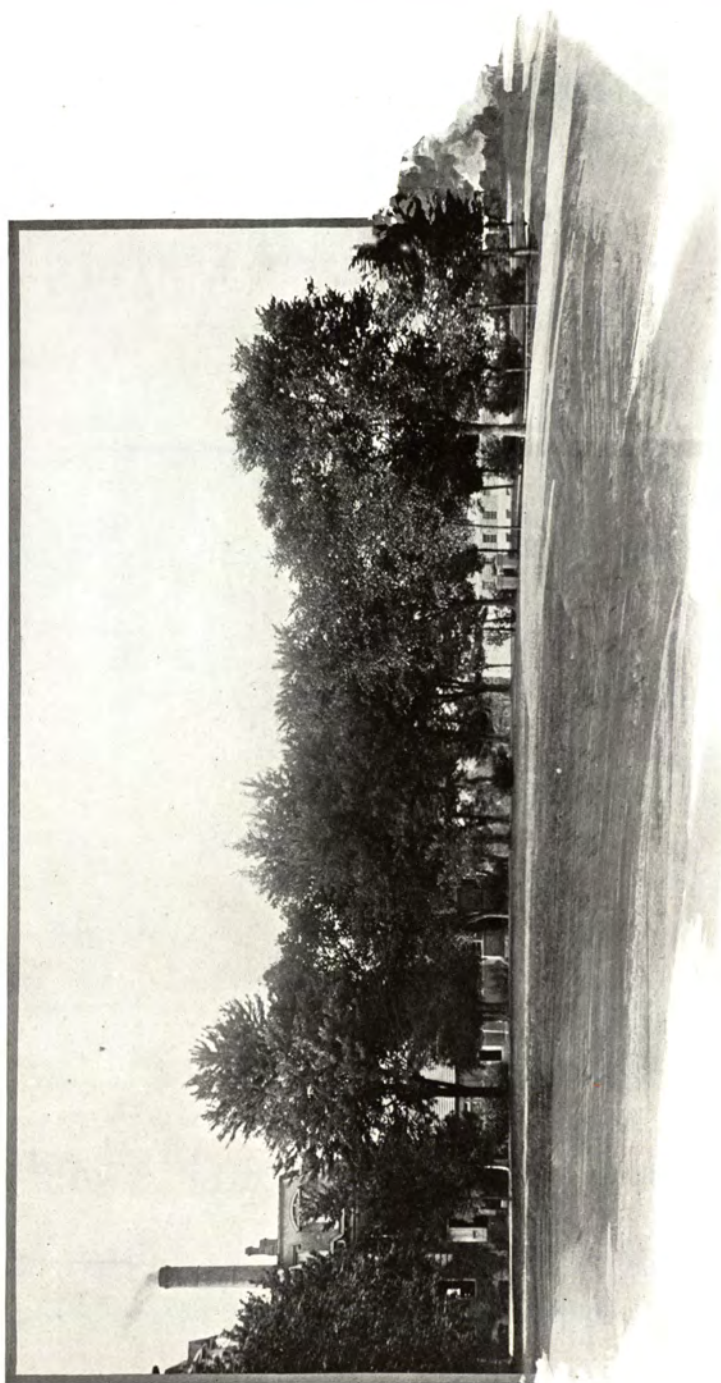
MINING BUILDING



CHEMISTRY BUILDING



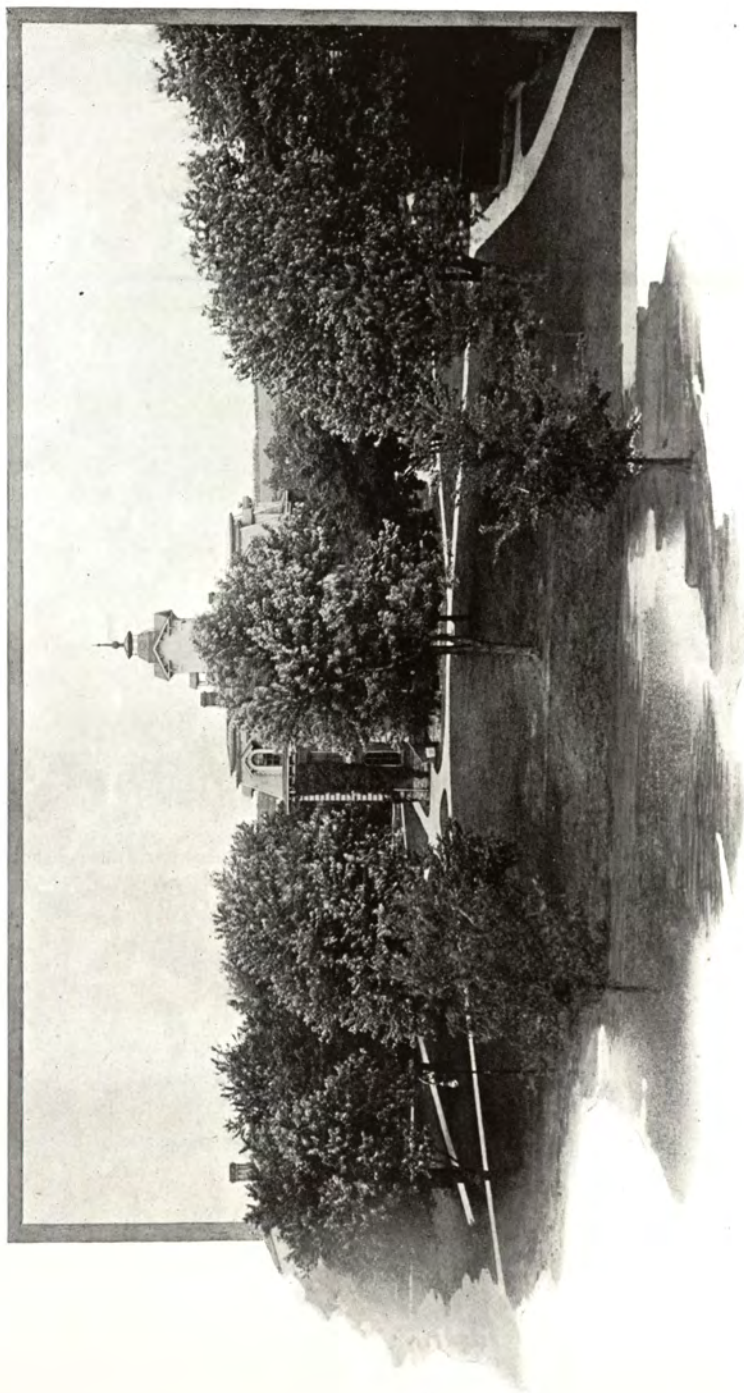
METALLURGY BUILDING



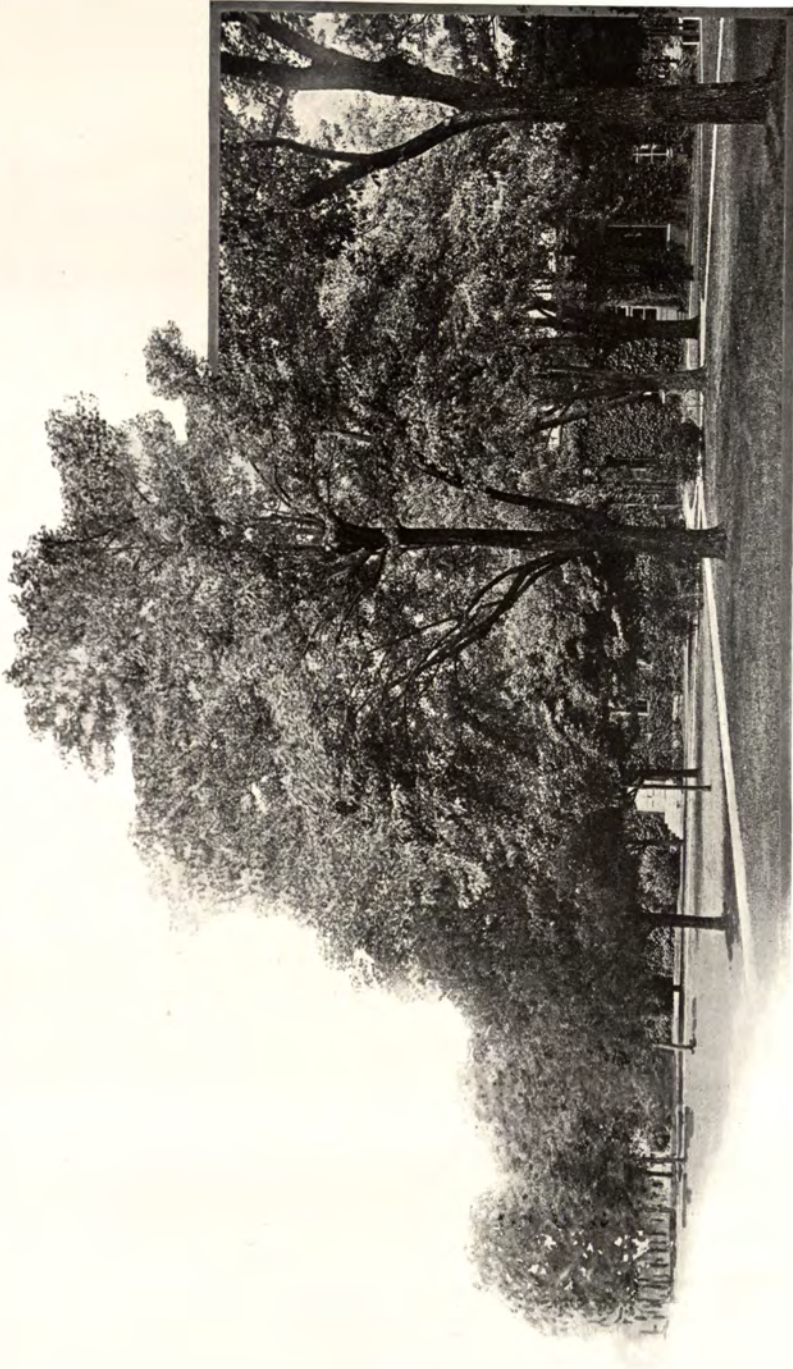
CAMPUS VIEW



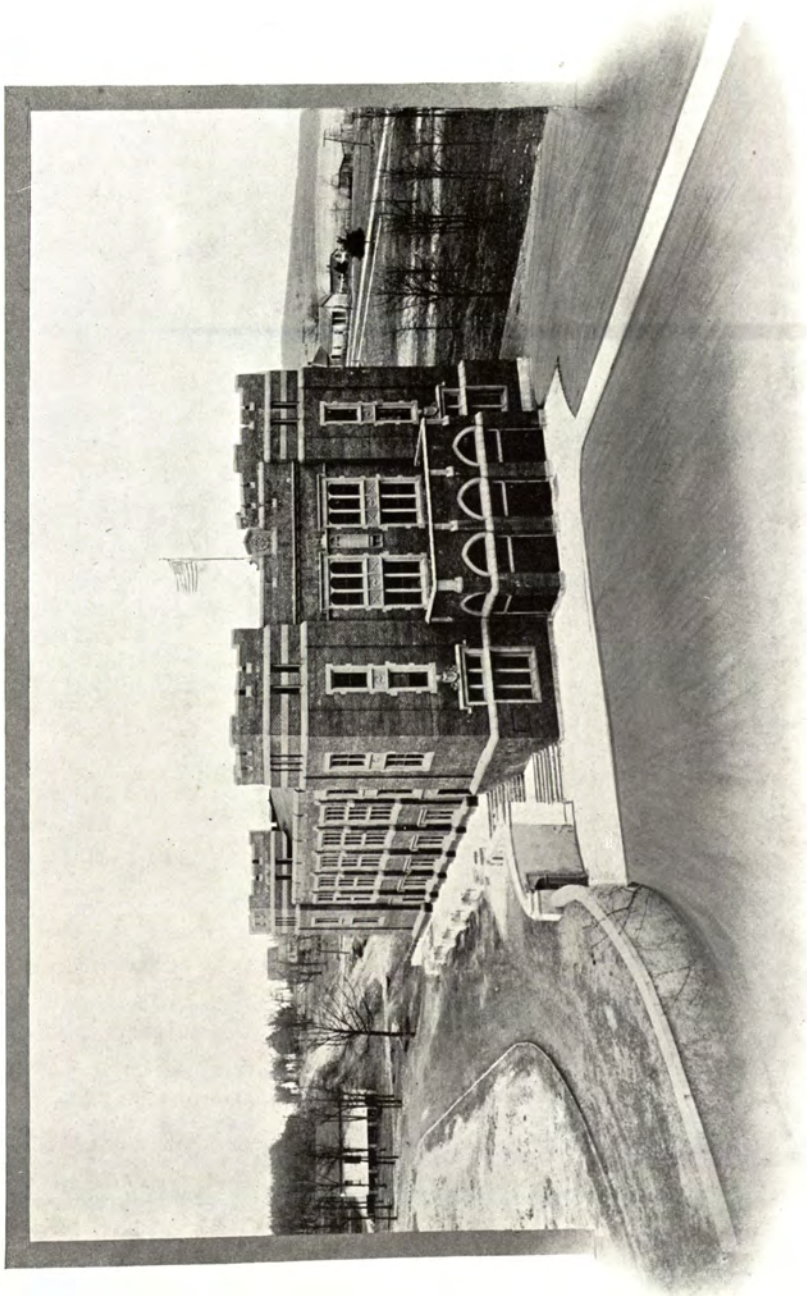
CAMPUS VIEW



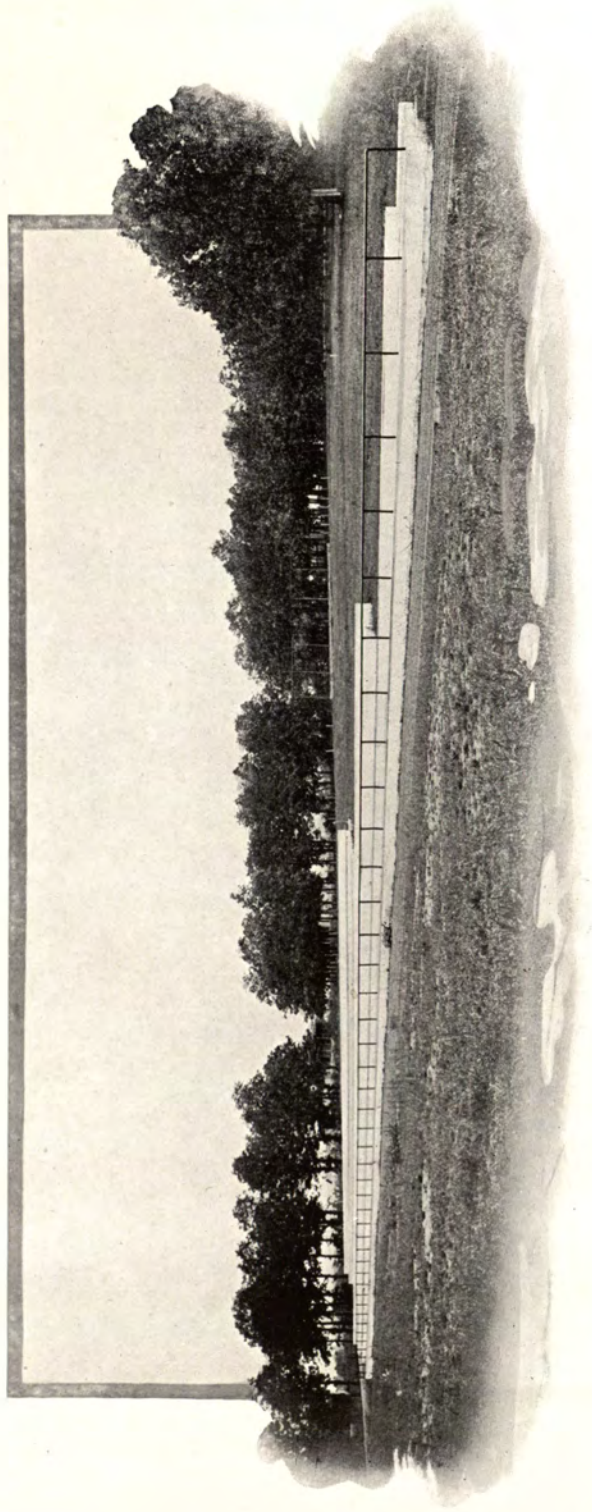
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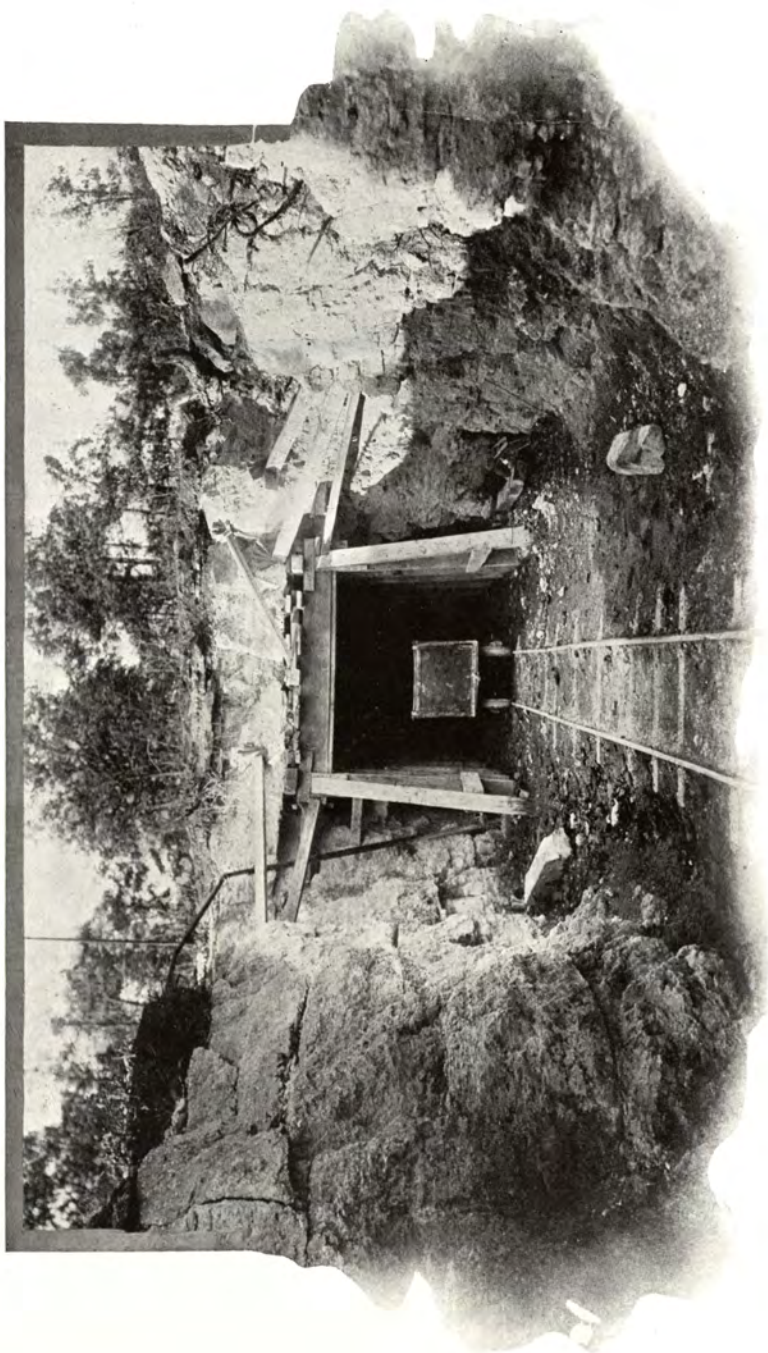
CAMPUS VIEW



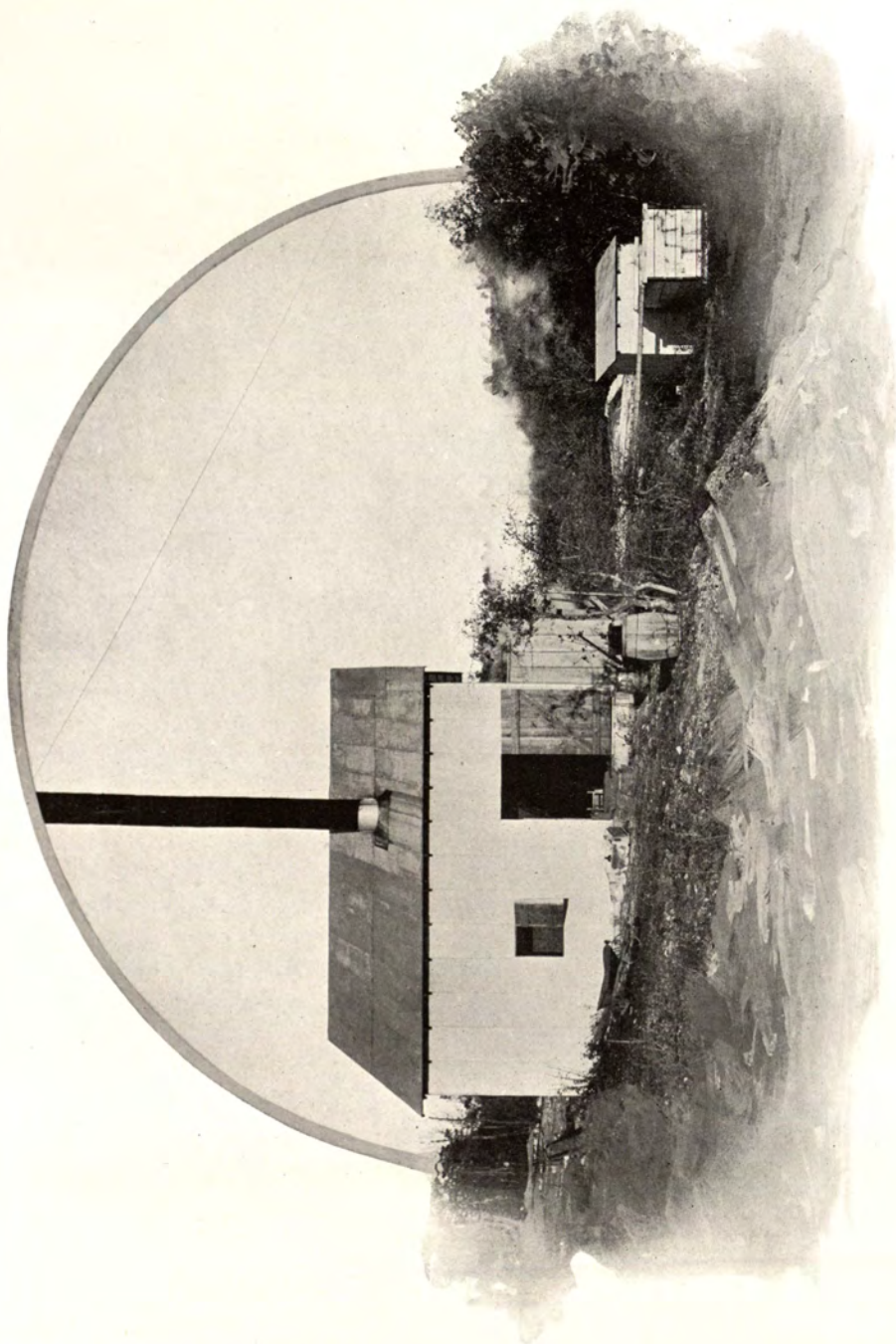
GYMNASIUM



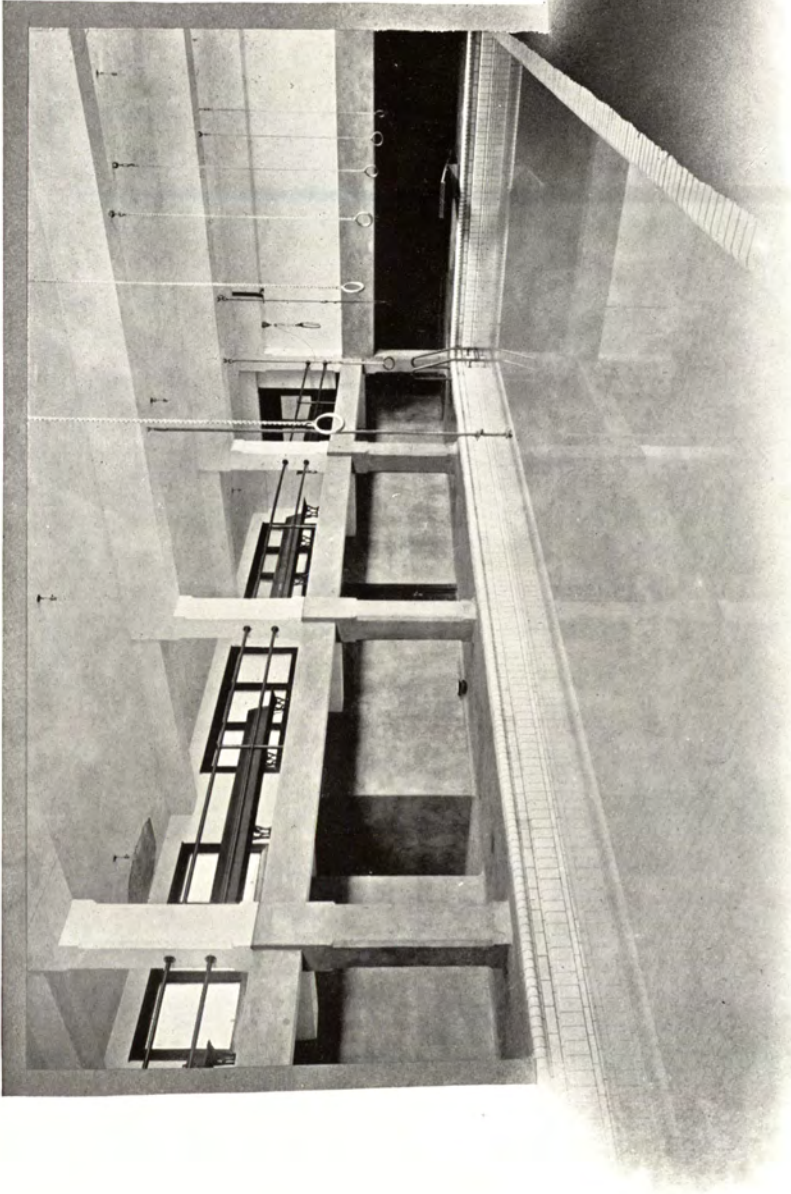
BLEACHERS



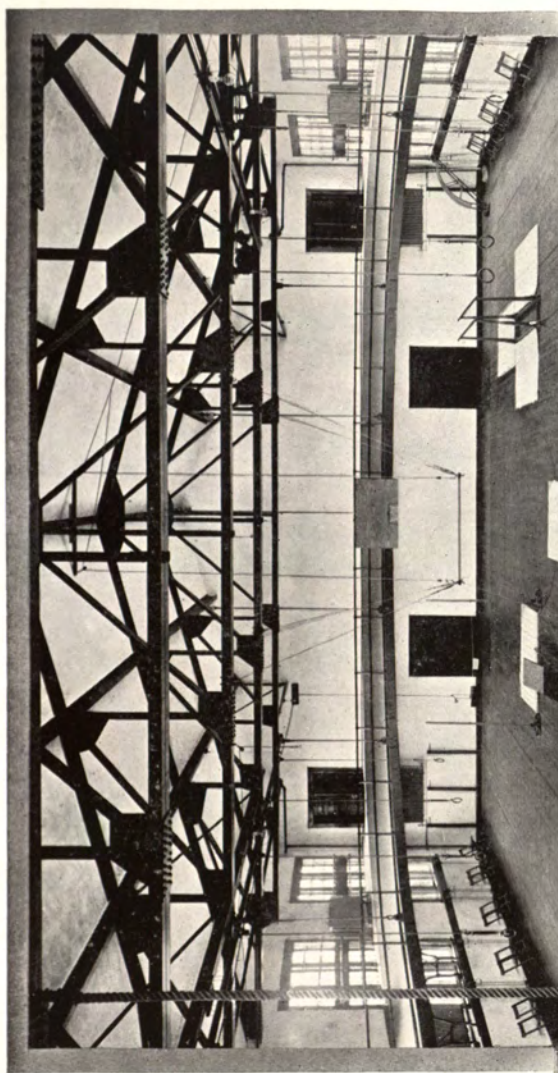
TUNNEL AT SCHOOL MINE



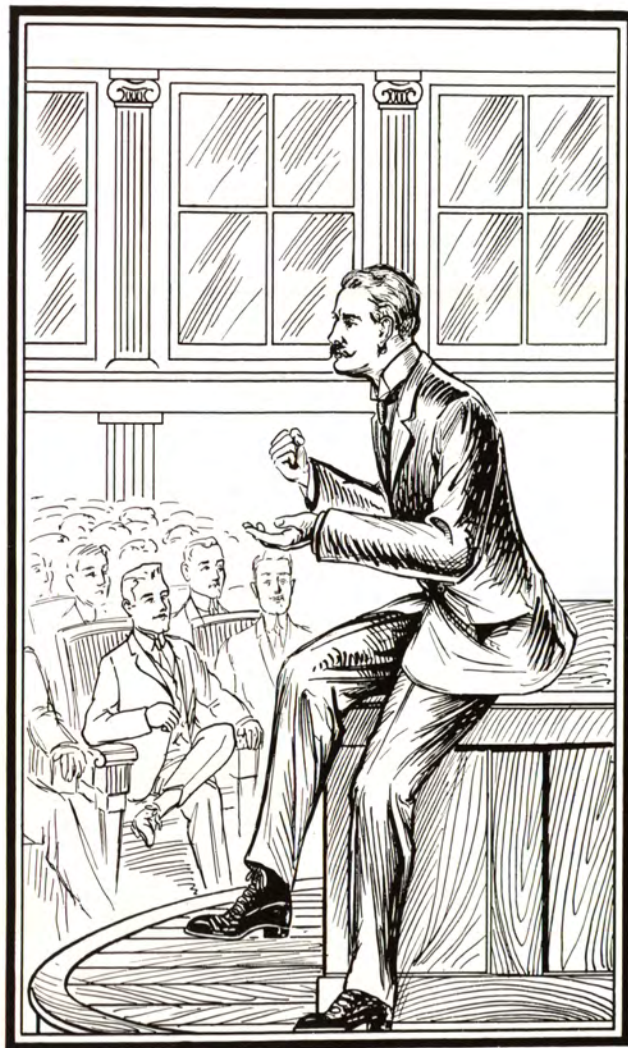
POWER PLANT AT MINE



SWIMMING POOL



GYMNASIUM FLOOR



FACULTY

Board of Curators

S. L. Baysinger	Rolla, Mo.
John H. Bradley	Kennett, Mo.
D. R. Francis	St. Louis, Mo.
H. B. McDaniel	Springfield, Mo.
Albert D. Nortoni	St. Louis, Mo.
J. C. Parrish	Vandalia, Mo.
C. B. Rollins	Columbia, Mo.
Sam Sparrow	Kansas City, Mo.
G. L. Zwick	St. Joseph, Mo.

Executive Committee of the Missouri School of Mines and Metallurgy

S. L. Baysinger	Chairman
Albert D. Nortoni	Vice-Chairman
Edwin Kahlbaum	Secretary
C. M. Knapp	Treasurer
A. L. McRae	Director, School of Mines
G. L. Zwick	



ALBERT ROSS HILL, A. B., PH. D., LL.D.
President of the University



AUSTIN LEE McRAE, B.S., S.D.

Tau Beta Pi

Chi Phi

Phi Beta Kappa

DIRECTOR OF MISSOURI SCHOOL OF MINES AND METALLURGY

Fellow American Association for the advancement of Science; Member of Society for the Promotion of Engineering Education; Member Executive Council for Missouri of the National Economic League.

B. S., University of Georgia, 1881; S. D., Harvard University, 1886; U. S. Signal Service (Electrical Work), 1882-89; U. S. Signal Service (Missouri State Weather Service) and Assistant Professor of Physics, University of Missouri, 1889-91; Professor of Physics, Missouri School of Mines, 1891-94; Professor of Physics, University of Texas, 1894-96; Professor of Physics, Missouri School of Mines, 1899; Director Missouri School of Mines and Metallurgy, 1915.

A loyal friend and supporter of M. S. M., and a conscientious man who has always endeavored to do the right thing.

DURAND COPELAND, S.B.
Tau Beta Pi *Sigma Rho*
 PROFESSOR OF METALLURGY AND
 ORE DRESSING

"Cope" is now on leave of absence, but all the students who have the pleasure of knowing him hope for his speedy return to M. S. M. For a short period of time he filled the position of Director of the Missouri School of Mines, but the demand for his services as a consulting engineer soon caused him to resign and obtain a leave of absence.

GEORGE REGINALD DEAN,
 C.E., B.S.
Tau Beta Pi

PROFESSOR OF MATHEMATICS

"Prof" Dean, generally called the wizard of the unknown, is regarded by the sophomores, who have the pleasure of taking mathematics under him, as a very considerate man. This consideration is shown to every man in his classes by his giving examples for everything. The men are classified into two divisions; the F. M. (feeble minded) and S. M. (simple minded), thereby covering all possible cases.





**ELMO GOLIGHTLY HARRIS,
C.E.**

PROFESSOR OF CIVIL ENGINEERING

One of the most delightful studies that is looked forward to by the underclassman is the taking of leisure courses under the "Professor." His annual warning is well known to all of his students, "The student should peruse the text," which many fail to do.

**VICTOR HUGO GOTTSCHALK,
B.S., M.S.**

Tau Beta Pi

PROFESSOR OF CHEMISTRY

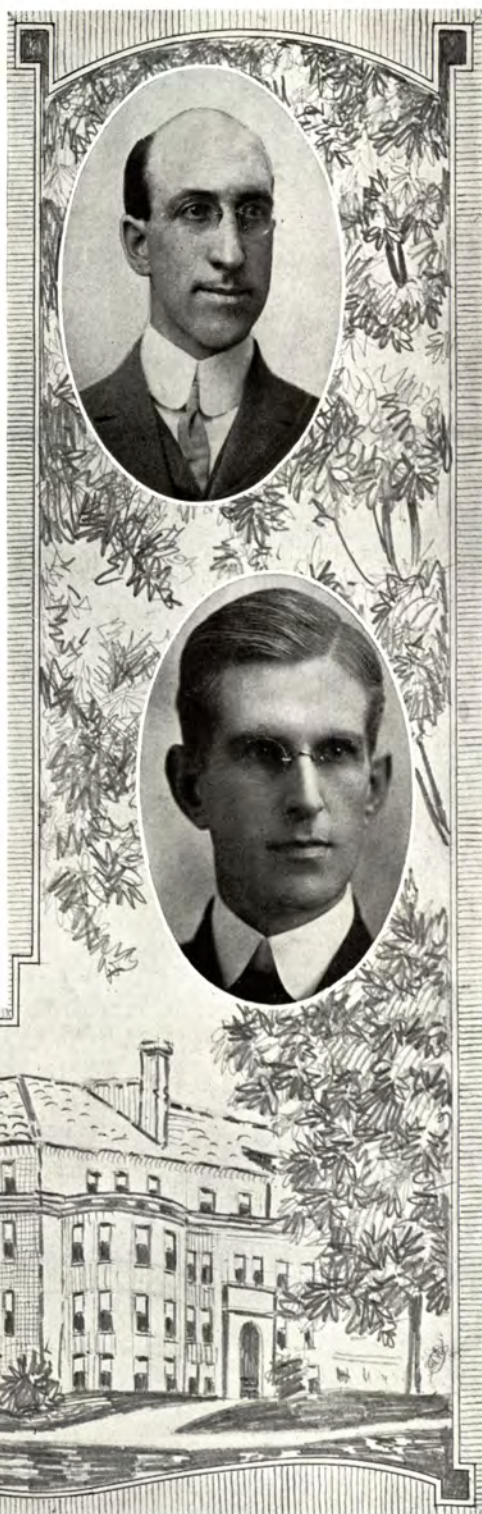
"Gotty" is one of our most popular Profs. and is every student's friend. He has one very bad habit and that is the writing of some of his lectures on the blackboard with one hand and erasing them with the other at the same time. Evidently either assumes that the student knows as much of the subject as he does or is naturally as bright.

GUY HENRY COX,
B.S., M.A., E.M., PH.D.
Alpha Chi Sigma Tau Beta Pi
PROFESSOR OF GEOLOGY AND
MINERALOGY

"Baldy" is well known as a stern professor and his ability to predict that a certain number of the men in his classes of Economics Geology will flunk is exceedingly well known. He is a good teacher in spite of his sternness and evil predictions. It has always been a source of wonder to us how he came by the nickname "Baldy."

CARROL RALPH FORBES,
B.S., E.M.
Tau Beta Pi Sigma Rho
PROFESSOR OF MINING

This handsome professor has the art of giving the student considerable practical "dope" in his lectures, thereby showing that he not only knows the subject thoroughly, but is clever enough to be able to tell the student about it in a clean clear-cut manner, greatly unlike some other "Profs" who evidently know their subjects, but can't or won't tell the student much about it.





JOSEPH WAYNE BARLEY,
A.B., A.M., PH.D.

Sigma Nu

PROFESSOR OF ENGLISH

"Doc" Barley is a man who makes his lectures extremely interesting, his courses being decidedly different from the majority of other courses in the school. His main theme, Human Nature, is successfully worked in now and then in his lectures. The popularity of his courses is well attested to by the overflow attendance at his class room lectures. He also is a great sportsman, for he sure likes to fish.

LEON ELLIS GARRETT, B.S.

Tau Beta Pi

ASSOCIATE PROFESSOR OF

MATHEMATICS

Prof. Garrett is renowned as the appreciator of a good joke, and quite frequently he tells one himself. The students under him enjoy his lectures which are so very clear-cut and concise that they naturally have to learn something of the subject.

HORACE THARP MANN,
E.M., M.S.

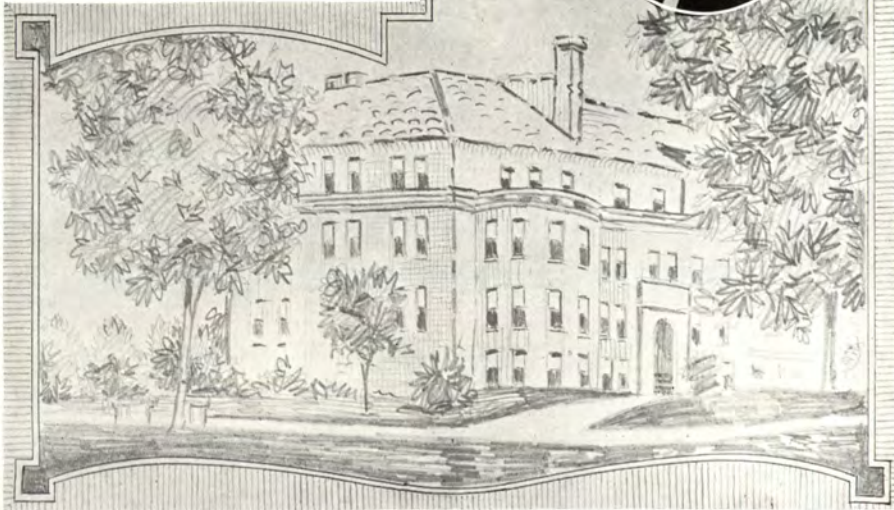
Tau Beta Pi Pi Kappa Alpha
ASSOCIATE PROFESSOR IN METAL-
LURGY AND ORE DRESSING

Here is a man(n) who is very fond of reciting incidences of the Junior trip. He delights in asking the Seniors about scenes that they saw on the Junior trip, though most of them plead guilty to never having heard of the subject in question.

JOSEPH HENRY BOWEN

ASSISTANT PROFESSOR OF SHOP WORK

"Shorty," as he is best known to the students, is noted for his good nature. As long as he has been connected with the School of Mines, which dates from 1902, he has never lost his temper while teaching the freshmen to saw a long a straight line. Is very fond of horses and keeps a fine collection of Dan Patches. Often seen discoursing with mysterious whiskered strangers from the hills.





CHARLES LAURENCE DAKE,
B.A., M.A.

Accacia, Gamma Alpha, Sigma Xi
ASSISTANT PROFESSOR ON GEOLOGY
AND MINEROLOGY

"Prof." Dake has made good from the start. He hails from the University of Wisconsin and is certainly worthy and well qualified for his work. His vast experience in the field of Geology always makes his lectures interesting and very instructive. Has the ability to walk the legs off of his entire classes.

EDGAR SCOTT McCANDLISS,
B.S.

INSTRUCTOR IN CIVIL ENGINEERING
"Mac" comes from Purdue where he received his B.S. degree in 1909. Since 1911, he has been trying to inject Railroad Surveying into the prospective Civil Engineers of M. S. M., with varying degrees of success. He is noted for his confoundedly stiff exams., and is fond of telling of his experiences while with the Burlington Railroad. He will also give a lecture on the Slide Rule upon the slightest provocation. Member A. S. C. E.

CHARLES YANCY CLAYTON,
Kappa Alpha Tau Beta Pi

INSTRUCTOR IN METALLURGY AND
ORE DRESSING

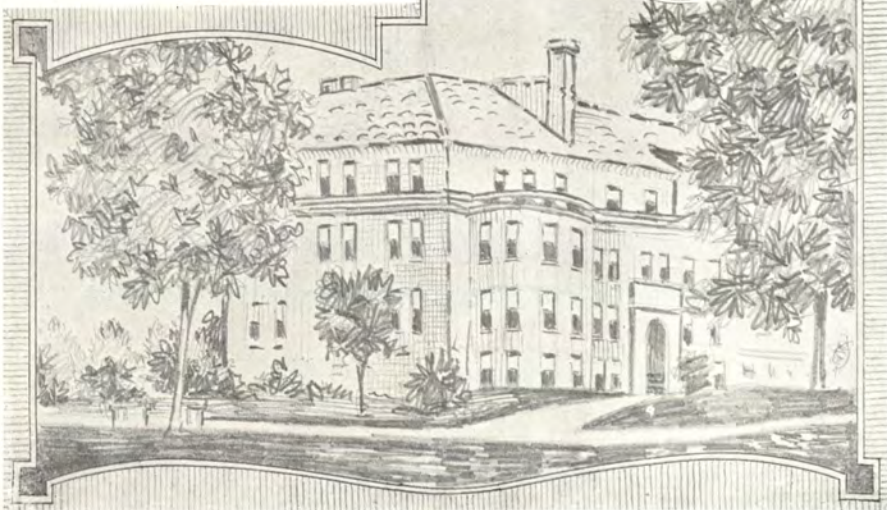
"Boots" is an M. S. M. product. As Instructor of the Metallurgy of Iron and Steel, he manages to keep the Juniors worried from February to June. While perfect as a teacher, he, too, has developed the fatal symptoms of human frailty, having fallen and taken onto his bosom a wife. In consequence he is now rapidly drawing into his shell, so that we see much less of him than we'd like to, except in the class-room.

JOHN CHARAVELLE INGRAM,
B.S.

Theta Xi Tau Beta Pi

ASSISTANT PROFESSOR OF CHEMISTRY

"Professor Jack" came to us from Washington University in his sophomore year. He completed his course at M. S. M. in 1913, receiving the degree of B.S. Both loved and feared by the freshmen, he takes keen delight in "kidding" them, and lucky is that freshman who can really "kid" back.





G. T. WILKINSON, A.B., M.A.
Corsairs, '13-'14 Phi Beta Kappa
 INSTRUCTOR OF FOREIGN LANGUAGES

Owing to the inherent timidity and bashfulness of the gentleman whose name heads this write-up, we were unable to gather any data respecting his manifold activities. However, when he returned this year we discovered that his endeavors had been confined to the pursuit of a wife, and in which he is reported as having been most successful. Prof. hails from Harvard, but he is such a good fellow that even that is not against him.

DONALD H. RADCLIFFE, B.S.
Trowel Club Pi Kappa Alpha
 INSTRUCTOR IN GEOLOGY AND
 MINEROLOGY

"Rad" has so monopolized the sophomore intellect that they dream of him at night and fear his inevitable verdict of, "That's the second Rock-former." He received his knowledge of rocks from M. S. M., and is upholding the standard of the school by making his classes almost as well versed in them as himself. In the summer of 1915 he held the position of Geologist of the Gypsy Oil Co., of Tulsa, Oklahoma.

R. E. DUFFY, B.S.
Tau Beta Pi

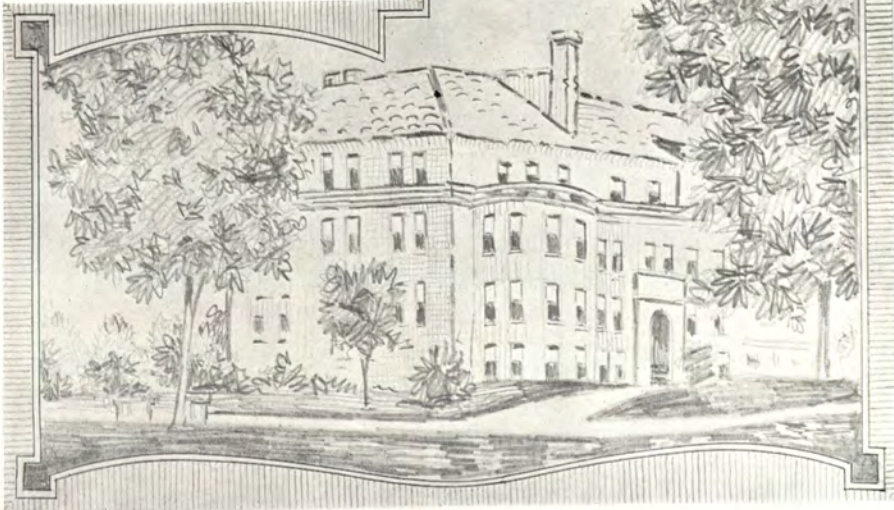
INSTRUCTOR IN DRAWING AND
DESCRIPTIVE GEOMETRY

Duffy, the man who teaches Descript, is a graduate of M. U., receiving his degree in 1908. He came to us in 1912 and since then has become known as the freshman's friend. His extreme patience has kept many a befuddled descript victim in the field. His hobby is the making of violins in shop, but as no one has ever heard him play on one, this becomes a deep dark mystery.

F. H. FRAME

INSTRUCTOR IN PHYSICS

Another man who returns to us this year, married. He has little to say, but as that was characteristic of him before his marriage, we cannot place any blame where it is not deserved. Mr. Frame received his training at Clark College and at Wesleyan University, after which he took charge of the Testing Laboratory of the General Electric Co. at Pittsfield, Mass.





**WILLIAM HARRY RISHER,
B.S.**

Emanon Trowel Club
INSTRUCTOR IN CIVIL ENGINEERING

"Rish" is another Purdue man having graduated there in 1912. He was instructor of Civil Engineering at the same College in 1912-1913. From Purdue he came to Rolla where he has since been demonstrating what a good C. E. should and should not do for the past two years. Only one bad habit, Fussing, and indications are "No hopes."

ROBERT JOHN ANDERSON
Tau Beta Pi Theta Tau Beanery
INSTRUCTOR IN METALLOGRAPHY

"Andy" graduated from the Case School of Applied Science in 1914 and came to us in September, 1915. Seems to be given to the habit of joining all manners of clubs and organizations. Among these are to be found Phi Beta Kappa, Sigma Xi, besides the above listed and he is also Research Assistant of the Mine Experiment Station. After "Andy" has been with us longer we may be able to add to this list and give more information as to his daily life.

WALTER L. DOBIE, B.A.

Faculty Club

INSTRUCTOR IN GEOLOGY AND
MINEROLOGY

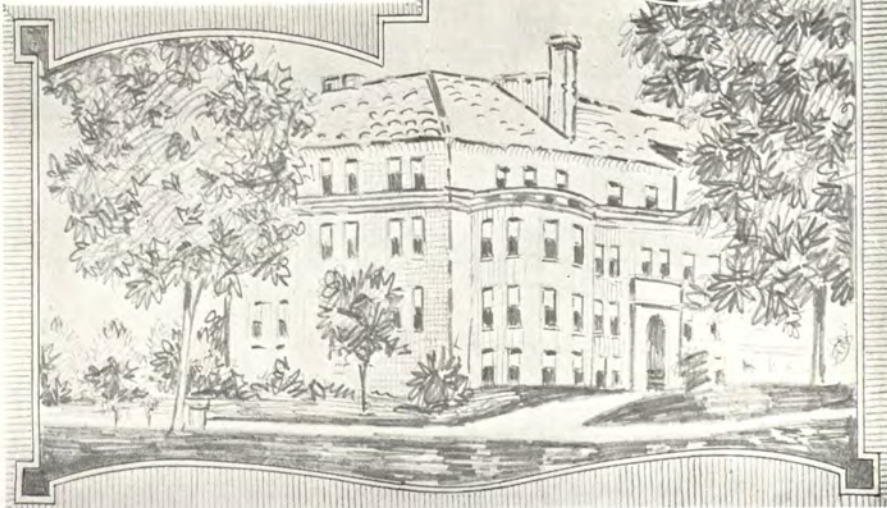
"Dobie" came to us from Wisconsin where he graduated with a B.A. degree in 1915. His quiet and reserved manner make him well liked by the students. It is a difficult matter to get any "dope" on this personage, one reason being, he has not been with us long enough, and the other, he does not talk much. About all that can be said against him is that he is an occasional "fusser."

NEIL C. HUSTINPILLER, B.A.

Pi Kappa Alpha

INSTRUCTOR IN ENGLISH

"Hutsy" graduated from the Ohio State University with a B.A. degree in 1908. During the year of 1913-1914, he was instructor of English at the Ohio State Military Institute. "Major" came to us from Culver Military Academy in September, 1915, and shortly declared war on freshman punctuation. He entrenched behind Wooley and began a merciless bombardment of the freshmen "lines" which lasted until January 19.





VAN BUREN HINSCH.

Phi Delta Theta

INSTRUCTOR IN MATHEMATICS

During the year of 1907, Hinsch was manager of our track team and made a notable success of it. "Van," or "Count," as he was then known, graduated from M. S. M. in 1908 and went to Oklahoma. In the term of 1914-1915, he was Professor of Mining at the Oklahoma School of Mines, at the end of which time he decided to return to his Alma Mater and prepare the freshmen for Dean. He was a member of the first Rollamo Board in 1907.

FRANK E. DENNY, B.S.

Theta Delta Chi

INSTRUCTOR IN ATHLETICS

"Spike" graduated from Brown in 1909 with a B.S. degree in Civil Engineering. He began his career as Director of Athletics at M. S. M. in the fall of 1909 and remained here for three years. In 1913-1914 he was Director of Athletics at St. Louis U. On his return last fall, Spike found himself confronted by a big task, the equalling of our record in football of the previous year. Taking into account the lack of football material, he has done well.

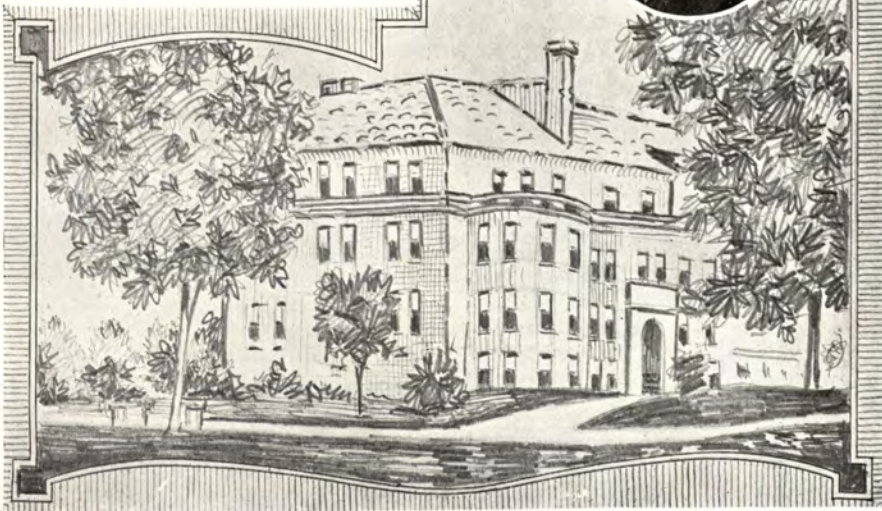
JESSE CUNNINGHAM,
A.B., B.L.S.

Librarian *Delta Tau Delta*

"Jesse" graduated with an A.B. degree from University of Nebraska in 1906, and received his B.L.S. from the New York State Library School in 1910. He is past President of the Missouri Library Association, and present Secretary and Treasurer, of the special Library Association. When he came from St. Louis several years ago, he had the job of arranging our library in its present location, and that he succeeded ably, is self-evident.

EDWIN KAHLBAUM
Registrar

Mr. Kahlbaum came to us from St. Louis, and we think from South St. Louis. Of this, however, we are not certain, having arrived at this conclusion through a process of deductive reasoning. He is the first man to get on intimate terms with the Freshmen, and for whom he has a fatherly regard. He takes keen pleasure in returning to you your fees or perchance a bill or two.



Student Assistants

BERNARD WILLIAM ADAMS,
Student Assistant in Physics.
BYRON LEE ASHDOWN,
Student Assistant in Surveying.
CLARENCE EDWARD BARDSLEY,
Student Assistant in Drawing.
JAMES HENRY BOCK, JR.,
Student Assistant in Shop Work.
JOHN STAFFORD BROWN,
Student Assistant in Geology.
ROBERT STANLEY BURG,
Student Assistant in Assaying.
EDGAR CARL BURKHART,
Student Assistant in Surveying.
HARRY GILBERT CORBY,
Student Assistant in Shop Work.
REGINALD SCOTT DEAN,
Student Assistant in Chemistry.
EARL GEORGE DEUTMAN,
Student Assistant in Chemistry.
THEODORE CHRISTIAN GERBER,
Student Assistant in Surveying.
FRED GROTTIS,
Student Assistant in Chemistry.
JOHN LOGAN IMLAY,
Student Assistant in Gymnasium.
GUNNARD EDMUND JOHNSON,
Student Assistant in Chemistry.
WILLIAM HENRY KAMP,
Student Assistant in Gymnasium.
EARL JOESTING McNELY,
Student Assistant in Physics.
HAROLD ARTHUR NEUSTAEDTER,
Student Assistant in Mining.
JAMES RAYMOND NEVIN,
Student Assistant in Gymnasium.
CLARENCE EUGENE PETERSON,
Student Assistant in Metallurgy.
JOHN JOSHUA SHIPLEY,
Student Assistant in Drawing.
THOMAS PATRICK FRANCIS WALSH,
Student Assistant in English.
JAMES ALEXANDER WORLEY, JR.,
Student Assistant in Mineralogy.
JOHN TOOMER YOUNG,
Student Assistant in Mining.
LAWRENCE JOSEPH ZOLLER,
Student Assistant in Drawing.



SENIOR



JOHN CHARLES MILLER,
President.

Senior Class History

CAST

St. Peter Lucifer Myself

SCENE:

Some place in the here-after.*

Lucifer:—Who let you in? I thought you said you would never visit me!

St. Peter:—Couldn't help it old scout. It's so blamed lonesome up there I had to have a look around to keep from dying of ennui.

Lucifer:—Any news aloft?

St. Pete:—None. That is—not much. M. S. M. has a new Gym.

(Enter Myself.)

Both:—Look who's here!

Myself:—I am looking for a place to rest.

Lucifer:—You'll not find it here. Why rest?

Myself:—Because I am the Spirit of the Class of 1916.

St. Pete:—I see—And so you think you need rest. Pray tell us why.

Lucifer:—Yes. It may serve to brighten old St. Pete up a bit.

Myself:—No chance—but here goes. You see I was born in the fall of 1912 in the City of Rolla, Missouri. During the first two weeks of my existence I became acquainted with the Court-House square, the campus and many other of the out-of-the-way places where it was necessary for the freshmen of the Missouri School of Mines to meet. I quickly grew strong, however, and was undismayed by the spirits of the classes above me. It is a custom of that school for the class spirit of a year old to fight the spirit of a new class of the tender age of seven days, but I grew strong so fast that it would have been folly for the older spirits to fight with me. And so I grew without any set back in my first year.

From the very first I worked for the good of the school. The class wore green caps in order that the custom might not die, and by so doing, prevented a class fight and obtained a gymnasium for the school.

Lucifer:—Ah! just as you said St. Pete—how I wish we could get one here.

Myself:—When the lazy days of spring came around I slipped off and tried

*(Note: Rolla men found everywhere.)

to rest, but I had hardly left when one of the upper classmen accused the class of being without a spirit. Then, led by the class president, Ed. Woolrich, the class made its memorable trip to St. James.

Lucifer:—Ah! I believe I have a note of it in my book.

Myself:—Well, when that was over we had our banquet, the first freshman banquet ever staged in Rolla, and we did it up in style, too,—Lieutenant Gov. Painter was there, and I stood behind toastmaster Mize's chair and inspired the whole class to rise to the occasion.

The Sophomore year was a repetition of the freshman year as far as a demonstration of pep was concerned. I stood behind everything for the good of the school and pushed. First we had the freshmen to train—then athletics—then the banquet. Ah! will we ever forget the Rolla County Club, with Skidmore as toastmaster, and Beeghley's candy made from the pennants?

Then the Mine Surveying Trip—will anyone forget those races for the bathroom, and will the fusser squad ever work so hard again? And we did some real Mine Surveying too, but you wouldn't think so after hearing the accounts given of the trip.

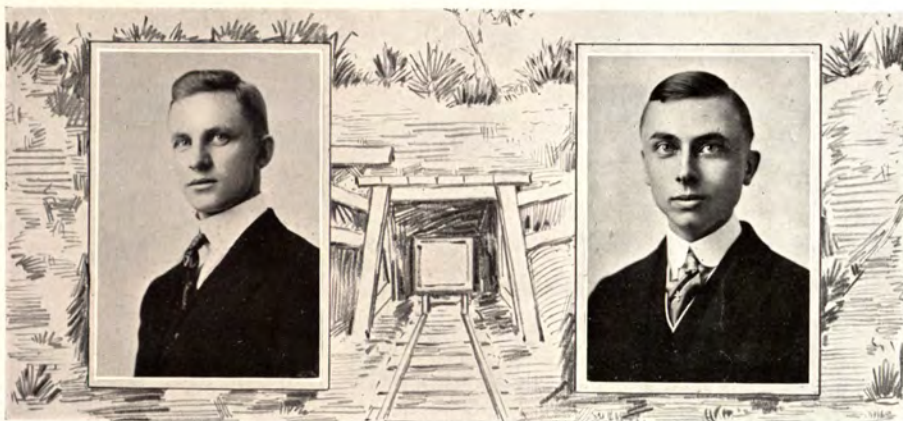
And then another summer of rest and then back again, a week early for Topography. And that year was another year of hard work—St. Pat's Day came around. If you could only have seen Johnnie Doyle as St. Pat, you would have been satisfied that the day was a success. But besides that, there was our parade—the best ever put on. Our Afternoon Show—home written—home talent—and last but not least, the ball—the biggest and the best ever. And so passed another year of hard work.

The senior year found me still with some pep and this was mostly expended in pushing the lagging ones ahead, and trying to get up their credits. But will the class ever forget the Senior trip and the banquet at—?

St. Peter (interrupting):—Better not say anything more about that.

Myself:—Well, maybe not—but there are a thousand other things that I have done, and by which the class members will hold dear my memory. Little gatherings and talk fests—trips to St. Louis—bumming excursions—fussing—dances and what not! Didn't the Satyr Club originate in our ranks while we were Sophomores? Wasn't the N. S. N. formed when we were Seniors? By this way, have either of you fellows got a tailor made cigarette?

St. Peter:—No. I'm sorry, but here is a paper and a package of *Bull!*



BERNARD WILLIAM ADAMS

Tau Beta Pi Theta Tau Corsair

GENERAL SCIENCE

Adams is one of those modest, congenial fellows who makes friends everywhere. He is always ready to lend a helping hand and is a good fellow well liked by all who know him. This was shown when he was elected to the Student Council in his Junior year. Besides being a regular "fusser," "Bernie" is also one of our "guns." As "associate" of the Physics department, "Bottom" has proven his ability. He often confers with "Doc" on matters of importance which come under his personal direction. His hobby is "Advanced Mathematics" under Dean, and working problems on "The Magnetic Center of the Parabola."

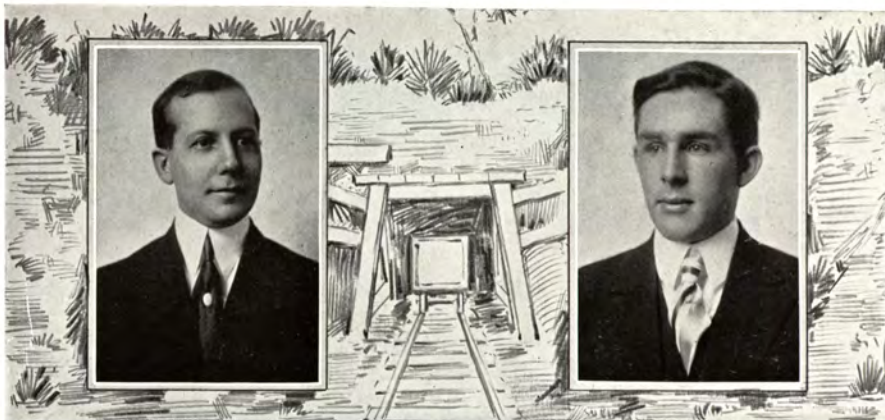
JAMES JOHN ALLEN

Quo Vadis Corsair

CIVIL ENGINEERING

"Jimmie" is one of those cheerful, sympathizing, hard working boys who is well liked by all students and people of Rolla, and possesses those rare qualities of character which make for success in the business world. His popularity was well illustrated when he was unanimously elected Cheer Leader. Jimmy has always been glad to serve on committees among which are, the Copeland Banquet, St. Louis Booster Banquet, and our Class Banquets. He first began his college career as office boy of the Rollamo, from which position he rose to Business Manager of the present Board. (To him was given the unappreciated task of removing the Rollamo from debt.)





BYRON LEE ASHDOWN
Tau Beta Pi *Grubstaker*

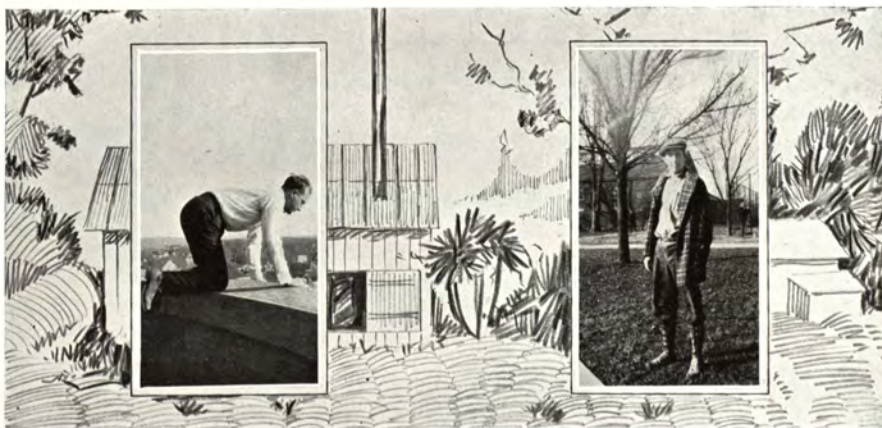
CIVIL ENGINEERING

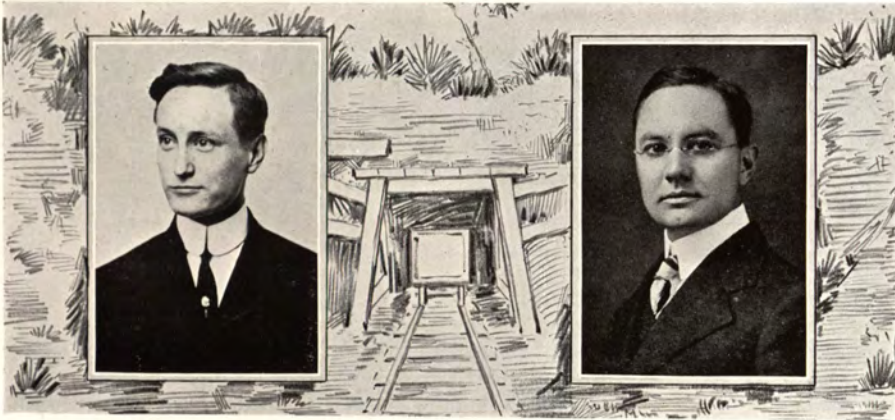
Besides showing his ability as Editor of the Miner, "Cinders," is one of our "guns." One of the earliest bad habits he had, was the taking of subjects under Elmo G., and Mac., but he has since been cured and is now doing nicely. As President of the Student Council, "Fuzzy" made this body one of real force. Outside of being a member of the Quo Vadis Club and a Christmas Gift, there is but one thing more to say about this character; he tells jokes ??? and by some is declared to be the originator of keen wit??????

ROY LINWOOD BENNETT
Athletic Association *Mucker*

MINING ENGINEERING

"Mex" hails from Raton "somewhere" in New Mexico. Although he has left us a few times, he somehow always has managed to find his way back. He is well liked by all for his ready wit and by some is called the Dean of Blank Verse.





EMIL L. BEYER

Tau Beta Pi

Grubstaker

CIVIL ENGINEERING

"Aim" is one of those fellows who, knowing what he wants, stays with it until it is accomplished. Although under the guidance of the Civils, he lent a helping hand to the Miners and joined the Missouri Mining Association. Father was right, it's all wrong when they said that no one around here has any pep, for they all overlook Aim. His perseverance may be the cause of the solution of the Geology Department's grading system some of these days. Who knows? no one else has ever solved it.

ROBERT STANLEY BURG

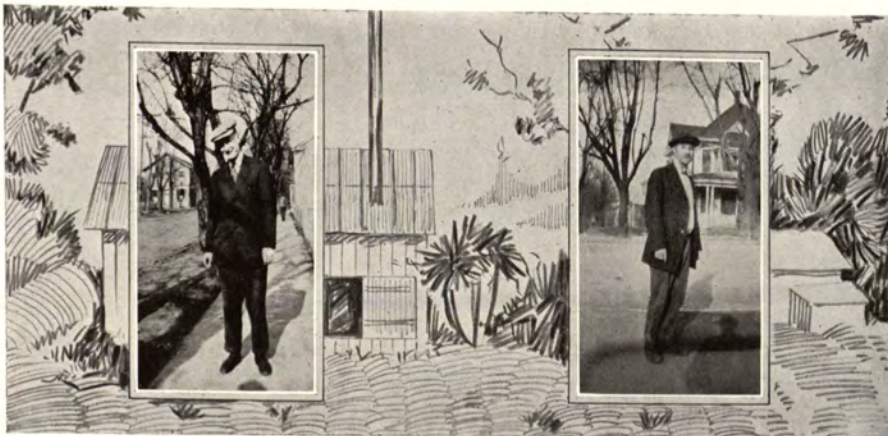
Tau Beta Pi

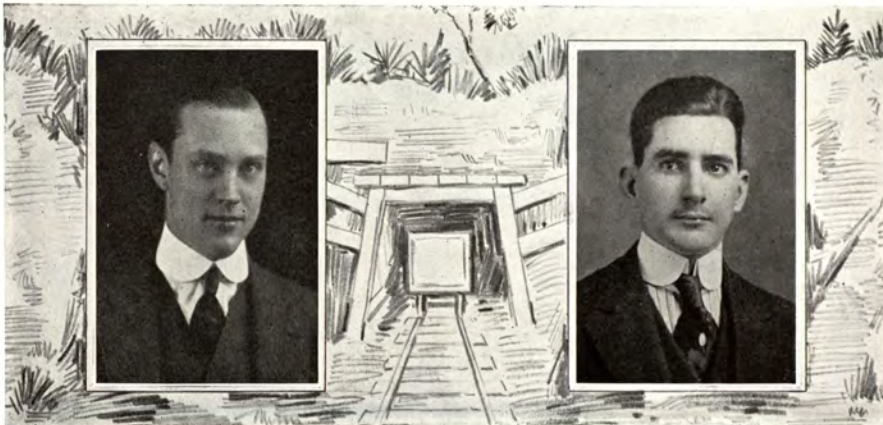
Theta Tau

Pi Kappa Alpha

MINING ENGINEERING

"Bob" was not one of the original ninety-five, but came to us when we were sophomores. His perseverance and studious attitude have accomplished much. Besides being a member of the Mining and Athletic Associations, his name is listed under the Trowel Club, and even the Y. M. C. A. He has great ambitions of being a Prof. and likes to sit in Prof. Mann's chair. "How's that? What's the idea?"





PHILANDER LATHROP CABEL, A. M.,
Athletic Association *Beanery*

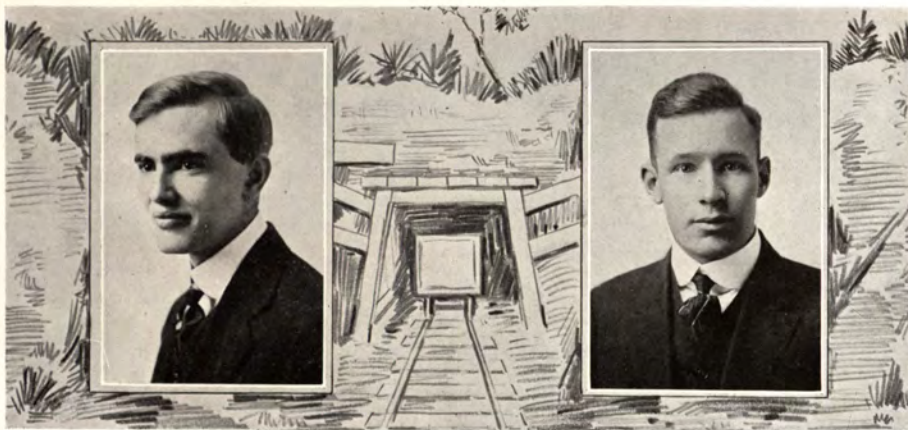
Cable came to us with laurels previously secured at "dear old Harvard." To many, his interest in mining subjects is a mystery. Is generally looked upon as the ideal student; studies as the mood prompts. Is a New York Encyclopedia on the celebrities, latest music, shows and histories of famous characters. Takes numerous trips to St. Louis.

JUAN R. CASANOVAS
Sigma Iota *Prospector*

MINING ENGINEERING

"Cas" hails from Baracoa, Cuba, and is referred to as the "Cuban Count." We see very little of "Cas" and don't know the cause; possibly his Senorita. He does not believe in war because when Doyle hurled a Beanery "bullet" at him, he withdrew his forces to a neutral position. "Cas" has the distinction of being the only Cuban in the Mining and Athletic Associations at the present time.





REGINALD SCOTT DEAN, B. S.,

Athletic Association

GENERAL SCIENCE

"Deanie", the infant prodigy (being only eighteen years of age), stands forth from our midst as one of the "guns." He already has a part of the alphabet tacked on behind his name and is now looking forward to an M.S. in Chemistry and Geology this year. "Deanie" has written several articles (lack of space prevents titles) which have been published in various technical magazines, i. e., Police Gazette, etc., and is declared to be a second La voisier. Hails from Rolla.

EARL GEORGE DEUTMAN

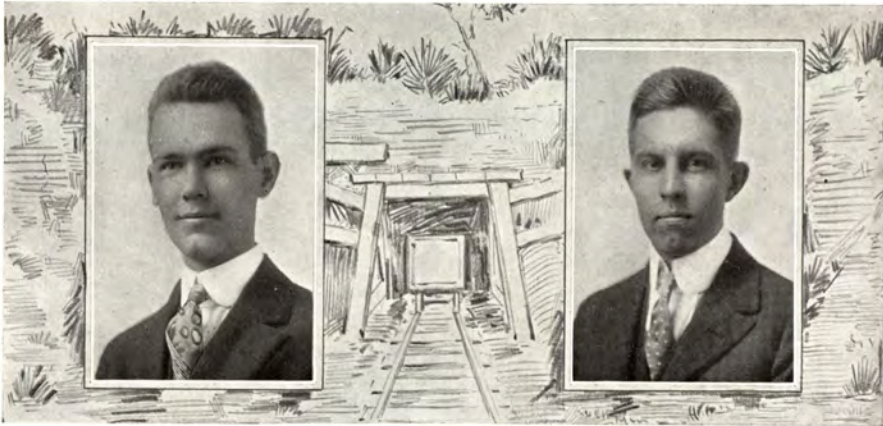
Trowel Club

Kappa Alpha

MINING ENGINEERING

"Deut" was the man who gave us the St. Patrick's benefit in our Junior year. He also started a movement to organize a Glee Club and would have succeeded, but for a bit of hard luck. His pep has done much for him, as he is a Student Assistant in Chemistry, Advertising Manager of the Miner, a member of the Athletic Association and an "M" man in baseball. He is the kind of a fellow who does things. Although quite a fusser in Rolla, "Deut" doesn't seem to care for Springfield since his last visit. What's the reason?





JAMES JOSEPH DOWD
Tau Beta Pi Theta Tau Bonanza

MINING ENGINEERING

"Jimmie" is a good example of an impulsive strong willed Irishman. Always likes to discuss matters and never cares which side he takes just so the argument goes no to completion. He has made the Bonanza an actuality. Quite recently he raffled off the senior banner with unexpected results. A member of the Theta Tau and Assistant Business Manager of this year's Rollamo. Never stops kidding about what should be done.

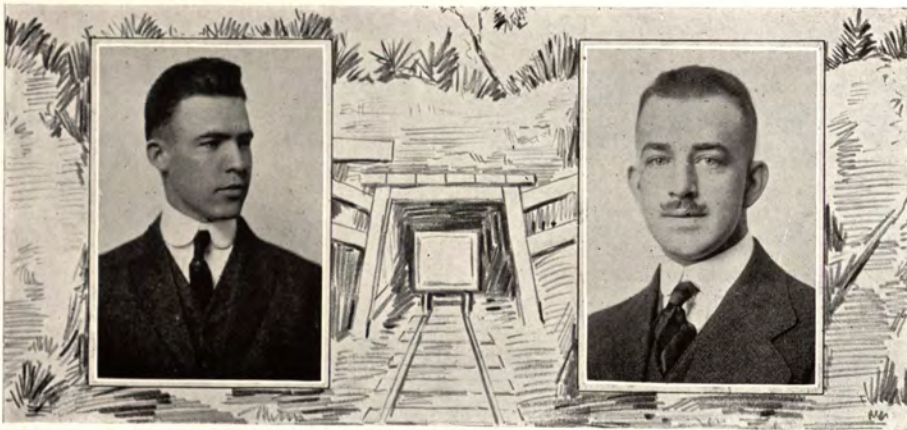
JOHN JOSEPH DOYLE*
Sigma Chi Beanery

MINING ENGINEERING

"Jack" was farmed out, in his tender years, at Washington University. His many good characteristics have given him the name of "Our Wild Irish Rose." "Jack" has joined or been connected with everything around school from Prof. Cox's geology class to the Schutzenfest. His name appears under the Pipe and Bowl Club, Miner Staff, Athletic Association, A. I. M. E., Missouri Mining Association and the Y. M. C. A. "That's the stuff. Let's make it go" is the way "Jack" puts things and he usually makes good. Greatest difficulties are attending Rollamo meetings and converting Hoo to woman's suffrage.

* (Cut used by permission of Rogues Gallery).





AZMAN THURMAN DUNHAM

Bentonian Literary Society Athletic Association

GENERAL SCIENCE

"Arbitritious" is a native son, having attended the Rolla High School and Springfield Normal. He is at present a stray barb, having been a member of the Muckers and Bonanza. Although he started in as a High School Principal, he rapidly rose from the ranks and is now Assistant Manager of the Baltimore Hotel. His Literary desires caused him to peddle books during the summer of his freshman year. Ever since then he has had a desire to return to his book field to see *her*. Has been married three years and thought he was getting away with it with the Senior Class. Its out though, now, Arbitritious. His splendid work as Marshal of St. Patrick's parade and how he "ameliated" the Co-eds, will long be remembered.

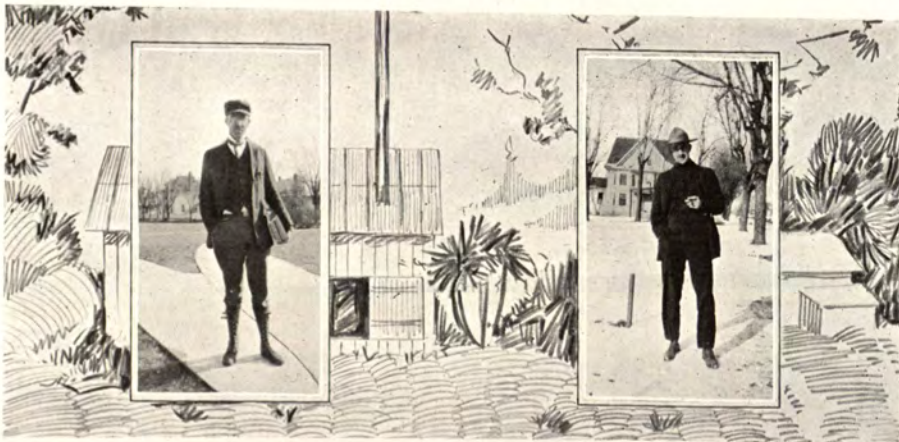
LOUIS WILMER EHLERS

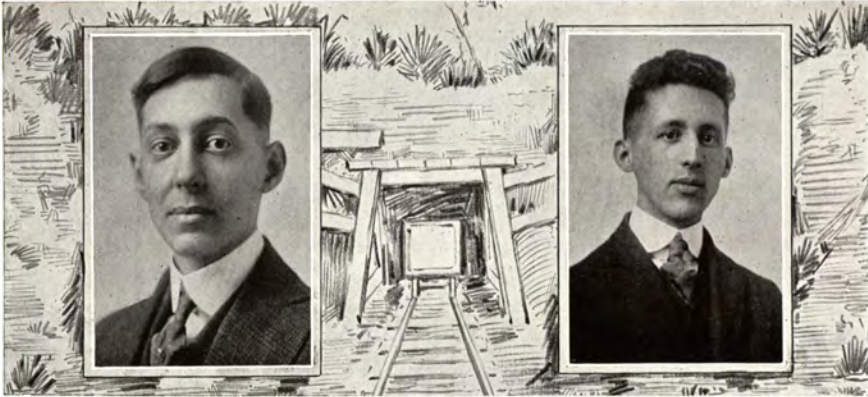
Theta Tau

Pi Kappa Alpha

MINING ENGINEERING

"Mike" hails from Baltimore, Maryland, and is strong for preparedness. (If you don't believe it ask anyone who stayed here during the Christmas holidays.) Although he is quite a student, he devotes some of his time to the raising of his "Kaiser Wilhelm." He will try anything once, as is shown by the fact that he belongs to the Y. M. C. A., Athletic Association, and is President of the Missouri Mining Association. "Mike" is an optimist through and through, and converted Geib after the first semester finals.





LUCIAN ERSKINE

Benedict's Club Athletic Association

GENERAL SCIENCE

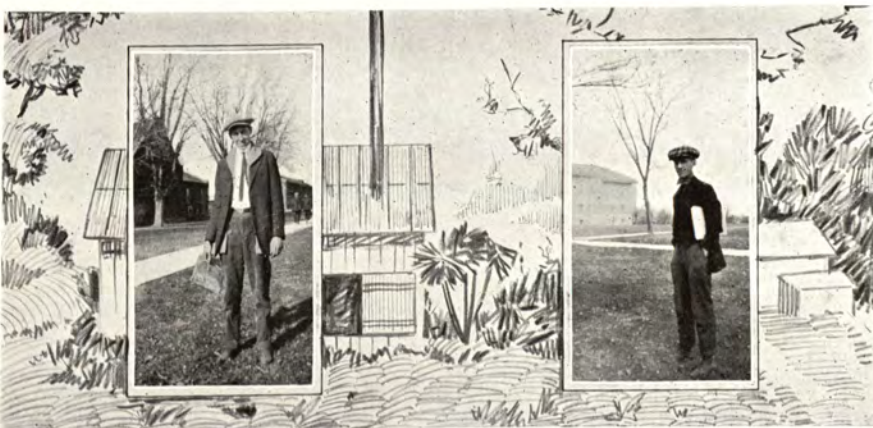
"Leush" joined us in his sophomore year, having come from Washington University. He broke into the Headlines when he, as Florence Z. Wheatfield, wrote "Bridge's Cat-Astrophe," and has been there ever since. His latest is in the role of "Ragtime Paderewski," where he distinguishes himself. We don't know the by-laws of the Benedict's Club, but "Leush" has done more and talked less about it than any one else. At present he is Editor-in-Chief of the Rollamo. When in need of someone to do it, see him, for there is no telling what he can do until he is tried.

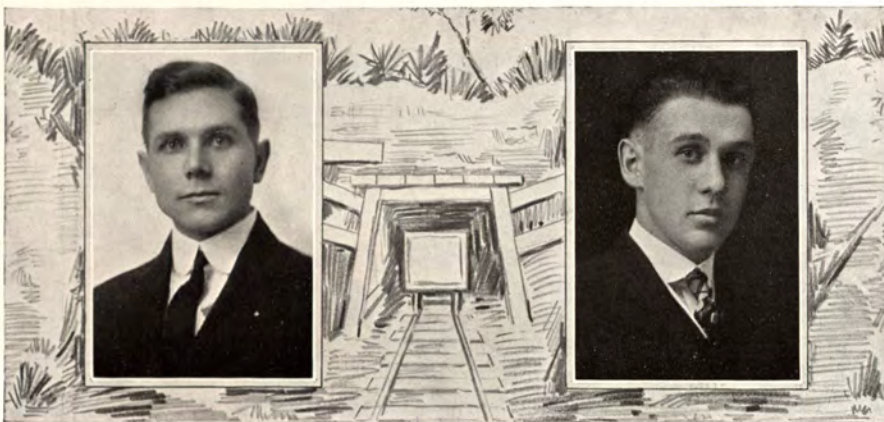
CHARLES BERLIAND GOLD

Athletic Association Bonanza

MINING ENGINEERING

This is another St. Louis "article" and if he has not proved himself, we have not found it out. It was a disappointment to many of us not to see him a "Tau Beta Pi." We can sum up "Charlie" as follows—a good mixer, a brilliant student and a hard worker. His speech at the Sophomore banquet was a corker and will long be remembered. Was the man who managed the fitting and securing of the Senior caps and gowns on St. Patrick's Day.





FRED GROTTTS

Quo Vadis

Theta Tau

Grubstaker

GENERAL SCIENCE

"Fred" hails from Raymond, Ill. He entered M. S. M. in '13. Is the best example of a politician and "Catalytic Agent"* the School has ever had. Has never been known to fuss, but is supposed to have decided once for all. "Fred" has been the mainstay of the Baseball team and, as a pitcher, he has demonstrated his value. Besides being a member of the Quo Vadis and Theta Tau, he is also a member of the Trowel Club and present Rollamo Board. Has also been Junior Class President, Chairman St. Pat's Committee and is President Athletic Association and a Student Assistant in Chemistry.

*A catalytic agent is something which produces a reaction, but does not enter into the reaction.

JAMES LAWRENCE HEAD

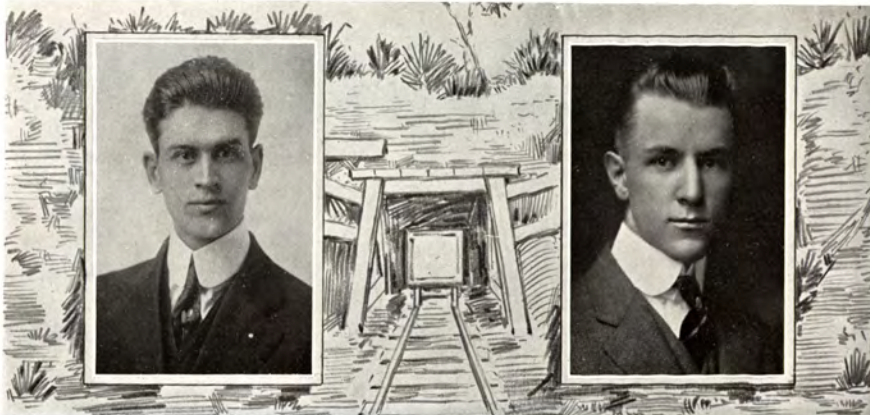
Theta Tau

Sigma Nu

MINING ENGINEERING

"Babe", his inheritance from the Freshman year, has been and is one of our most versatile men. Possesses originality and can always be depended on to say something in class meeting. Has been suspected of being in love, and has almost proved himself "not guilty." Has been a consistent hard worker for school interests, as is well shown by his various activities. His name appears under the Sigma Nu, Theta Tau, Satyrs, St. Pat's Committee, and editor of the "1915 Missouri Miner."





HARRY TOBIAS HEIMBERGER

Trowel Club

MINING ENGINEERING

"Harry" is the slim man of '16. Is a native of Rolla and intends to follow Electrical Engineering. Is a presistant fusser and also a devotee to the art of singing bass. Is also well known for his bass violin playing and in the capacity of bass violinist has been on the job at every concert or entertainment. Is well liked by all of his classmates and professors.

FREDERICK RICHARD HEMAN

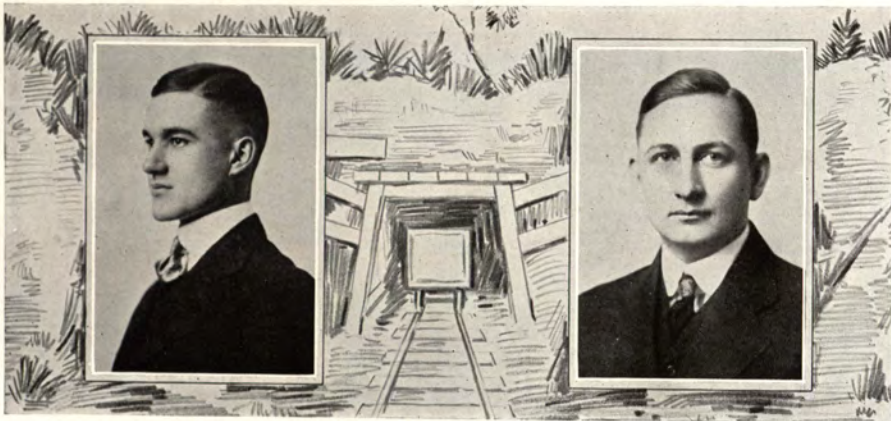
Athletic Association

Kappa Alpha

CIVIL ENGINEERING

"Fritz" is a good example of a typical wiry dutchman. Always walks very fast and is supposed to think at the same rate, though his grades don't show the effect, being probably due to lack of application. Has been very active in athletics, football, track and captain of '16 Basketball Team. Is a pusher and when he gets behind anything you may be sure it will go through. Used to fuss. Nuff sed!





JOHN STONE HOFFMAN

Tau Beta Pi

Corsairs

MINING ENGINEERING

"Jack" is one of those reliable fellows always to be depended upon to deliver the goods. Is not averse to conversation, but seldom expresses his opinion without being asked. Has never been known to "fuss," but we suspect it has not been due to lack of opportunity. Was treasurer of the 1915 Rollamo Board.

LEWIS N. HOPPOCK

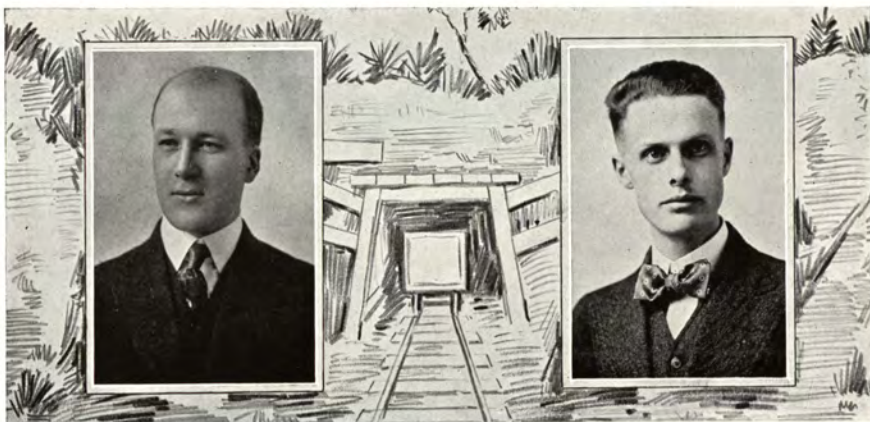
Triangle Club

Grubstakers

CIVIL ENGINEERING

"Happy" is our representative from Lebanon. His connection with the Mining Association, Triangle Club, Student Council, Athletic Association, and Y. M. C. A. proves that the "N" stands for Napoleon. However, we feel sure that "Happy's" Waterloo is not in sight, for he is a conscientious worker and is always willing to help a good thing along. He says that Yaro makes a splendid girl.





GUNNARD EDMUND JOHNSON

Tau Beta Pi Theta Tau Kappa Sigma

METALLURGICAL ENGINEERING

"Johnny" made a hit with us right away and the first thing we knew, he was teaching chemistry to the "Green Ones," and has had that job ever since. However, he did not stop here for he became President of the Y. M. C. A., joined the Athletic and Mining Associations, the Pipe and Bowl Club, was made the Business Manager of the Miner and Treasurer of the Rollamo. With these duties, it is no wonder that his hair is becoming a minus quantity. He may be slow at times, but he always reaches the goal and can be depended upon to do his share in everything.

EARL AMBROSE JONES

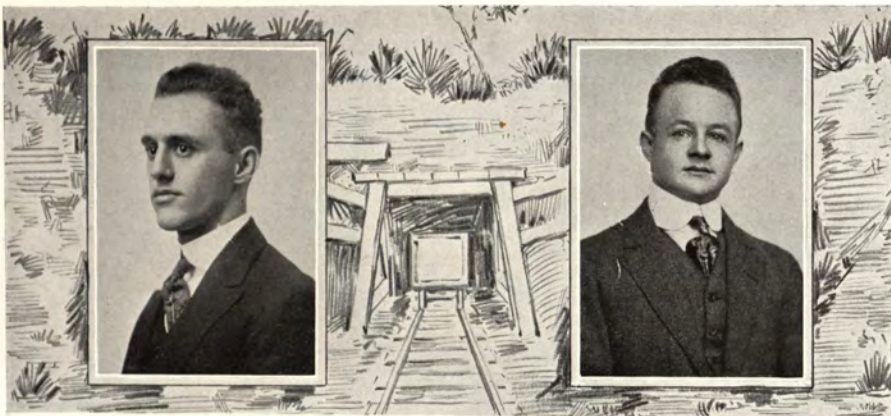
M. S. M. Orchestra

Athletic Association

METALLURGY

"Jonah" didn't swallow the whale, but the whale came very nearly swallowing him. Is very fond of telling the latest (?) story, especially during class periods, though the listeners would rather accept their fate in the form of condensed lectures. Likes metallurgy and is always figuring out some novel method of zinc treatment.





WILLIAM HENRY KAMP

Pipe and Bowl

Sigma Nu

MINING ENGINEERING

"Bill" hails from St. Louis; an asset not to be overlooked when meeting him. Always has something to say about South St. Louis. Has always been interested in Athletics and we expect to see him take Coach Dennie's job some day. Made his "M" in baseball every year in school and was also captain in '16. Associate Editor of the Rollamo in '15.

YARO KLEPEL

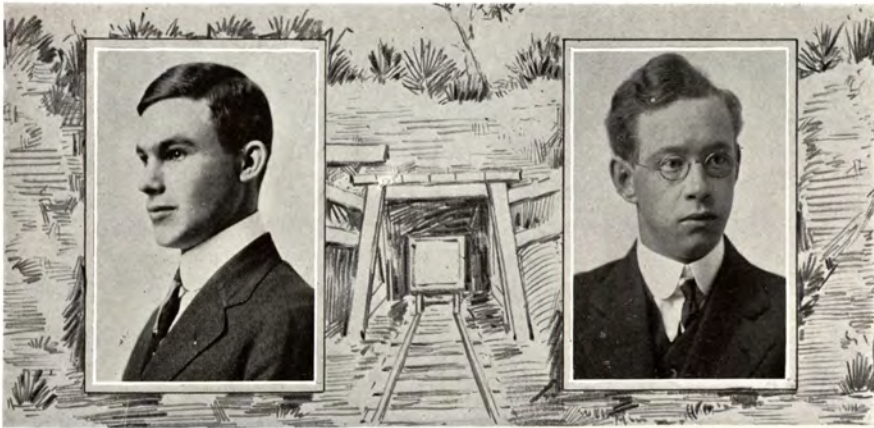
Mining Association

Grubstakers

MINING ENGINEERING

Yaro, another of our St. Louis boys, was inseparably associated with Weiberg as St. Pat's guards, in their freshmen, sophomore and junior years. As freshmen both were 50:50 on size and proportions, but now Yaro is hopelessly behind. Yaro is firm in his opinions, but seldom expresses them. Dislikes the term "Yarovitch." Although joining the Y. M. C. A. in his senior year, he has since become one of its most earnest workers. Recently joined a secret order, the N. S. N." Ask Yaro the meaning of these initials. His most recent nickname is "Speed." Why? Ask him.





HARRY DANIEL KLINE

Athletic Association

MINING ENGINEERING

Harry is another Rolla boy and great is his pride therein. His very close association with John Schuman should at least have inspired a rival mustache. It has been rumored that an attempt along this line was inaugurated, but we have failed seeing it substantiated. Harry will always be remembered as the man who could give Professor Cox lessons in Geology. Joplin was also a field in which this coming engineer thrived. Has even admitted, himself, that he could pan a ten cent dirt.

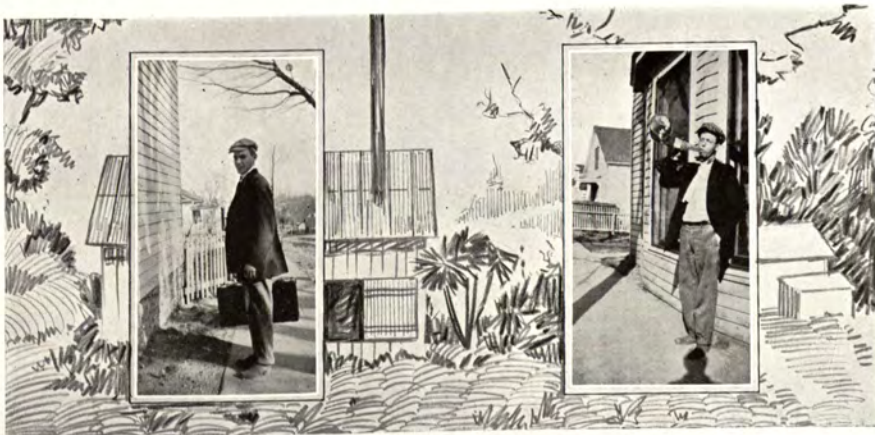
HUGO EDWARD KOCH

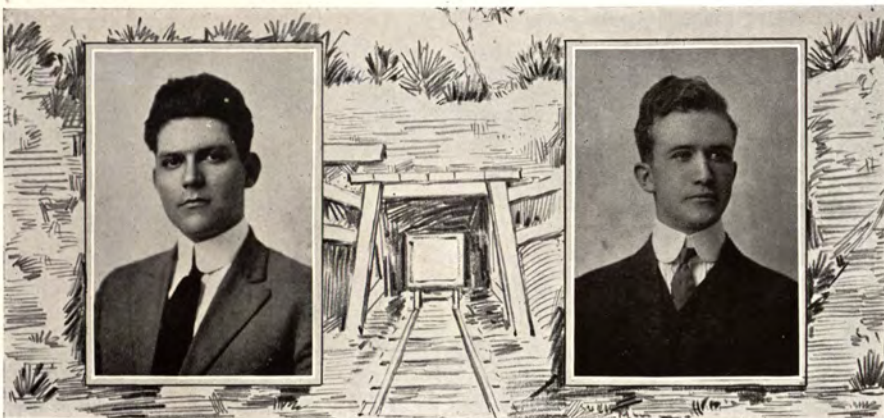
Tau Beta Pi

Grubstakers

METALLURGY

If "Shylock" was a good money collector, he had nothing on Hugo. Being class Treasurer is no small job at M. S. M. and we all, some to our sorrow and some to our embarrassment, have seen his ability in this line. As a student he is "there"; as a moralist, he can't be beat. It is rumored that immediately after graduation he will take an active part in the Temperance Union.





JOSEPH JACKSON KREBS

MINING ENGINEERING

Athletic Association

Corsairs

"Jack" came to us from Louisiana, and with him came his languid air and southern charm which captivates the fair dames of Rolla. Many are the memories with which we will associate him; his nightly "recreation" strolls, his support of the snappy banquets, and last, but not least, his rank as a prohibitionist. Picture, will you, a tall dreamy personage, his body entirely concealed beneath a huge overcoat, a serene attitude of peace and content, and you have Jack Krebs.

NATHANIEL MORRIS LAWRENCE

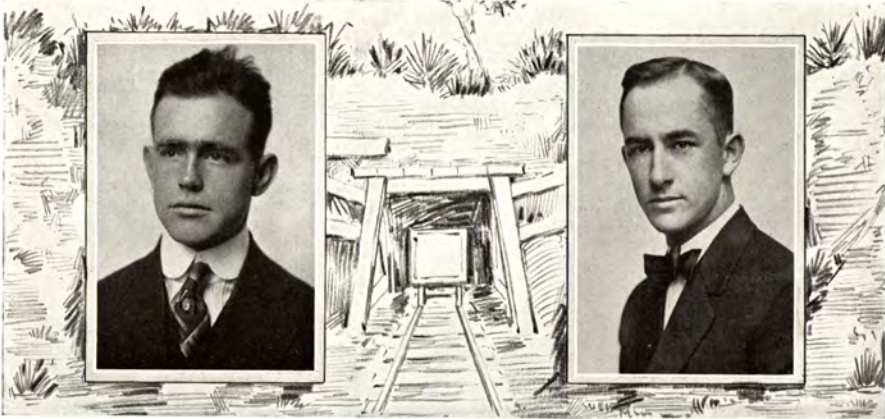
Athletic Association

Corsairs

CIVIL ENGINEERING

Although signing up from the Big City, 100 miles east, it is fitting and proper that we mention his former hanging-out place. "Madam" is also from that center of refinement and culture, Boston. We poor students probably needed some enlightenment; at any rate the Bostonian influence has been asserting itself. We know of at least one accomplishment that Madam learned in Rolla—The making of a stove fire. Madam looks real cute below, doesn't he? His Apollo like figure could not be taken properly by the staff photographer, but had to be taken by himself.





WILLIAM HENRY McCARTNEY
Quo Vadis *Kappa Alpha*

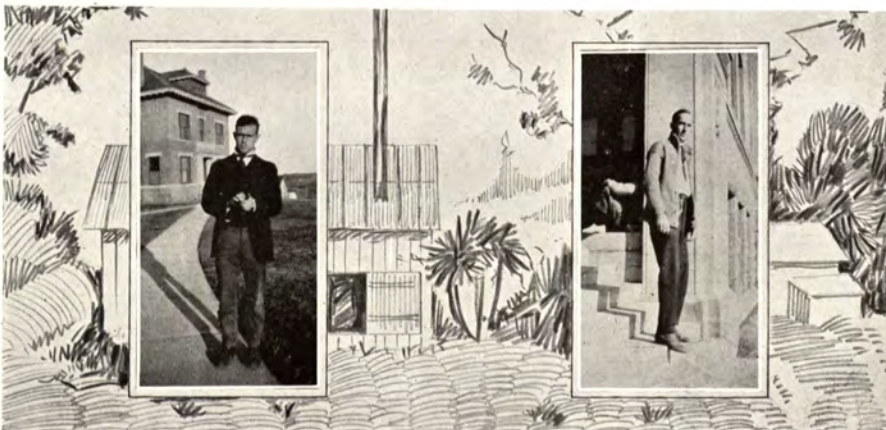
MINING ENGINEERING

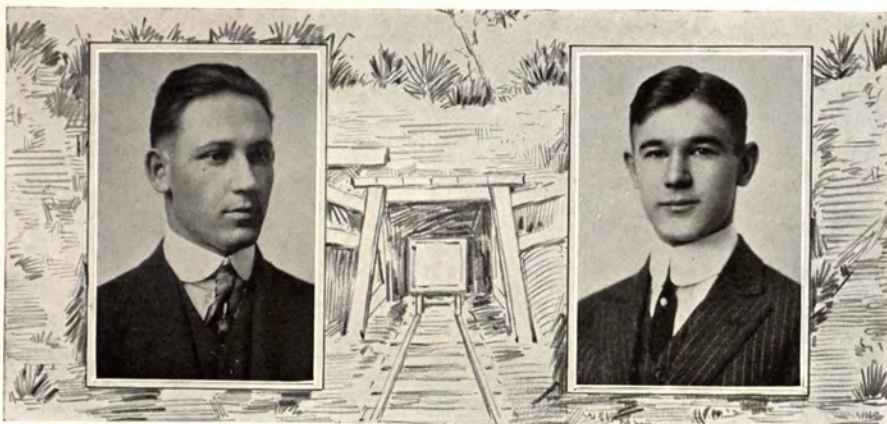
"Billy", the ideal of both sexes. He likes variety and is continually loosing his heart. Fortunately, he awakes. His habits are excellent—believes in efficiency. We wonder if this is the reason he awakes just five minutes before class. Athletically inclined, as shown by his four years of football. Dotes on sleeping without pajamas on the front porch in early spring. "Mac" is another one of the practical miners. His experience at Garfield and Joplin confirm this. Has recently joined the School of Flotation, and is well on the way of becoming one of its experts. Helped make Rolla lively during Christmas.

EARL JOSETING McNELY
Tau Beta Pi *Bonanza*

METALLURGY

"Mac" belongs to that "species" of man who takes life more seriously than the most of us. A man true to his convictions (and they are not few) and a man with the highest possible ideals. Besides being a thorough student he is an athlete and last, but not least, a fusser. In the latter he was as consistant as in everything else. We are safe in predicting that this same consistancy will help him toward a future success.





ELTON ARTHUR MILLER

Quo Vadis

Grubstaker

MINING ENGINEERING

"Kelly" came to us from the Illinois coal fields, big of heart and husky of body. When that memorable day came, "Green Cap Day," Kelly was unanimously elected the leader. Under his guidance we put up the hardest fight ever seen in the history of the school. Kelly's next step was to show us how to play football and his receiving four "M's" speaks well for his ability. We have in him the ideal combination—athlete, student and fusser. As a student he is consistant; as a fusser—"Well."

JOHN CHARLES MILLER

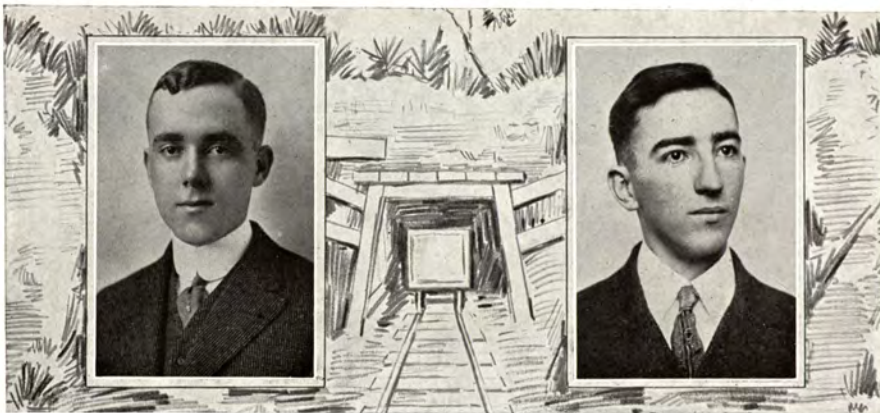
Rollamo

Corsairs

MINING ENGINEERING

"Charlie" is the hardest man in school to get any dope on, barring none. We know what he has done around school, a shark in class and a pusher and good mixer outside of class. He has never fussed, that is publicly or so we could see him, but that he must have is brought out by the fact that he quite suddenly stepped out one night and bowled his friends over by outstepping them at a dance. Where and how he learned this art is a mystery, but he certainly is its master. How about it Charlie?





DON HAWK MORGAN

C. E. Society

Kappa Sigma

CIVIL ENGINEERING

"Don" is another one who first spent a few years at Missouri University, but finally enlightenment reached him and our noble institution opened its doors to him. In the words of "Don," "I came to complete my education." We wish to congratulate the Y. M. C. A. on its aquisition of such a member, and we feel sure that his moral support has been felt. During "Don's" first year, he was a confirmed woman hater; now, what more need be said?

HAROLD ARTHUR NEUSTAEDTER

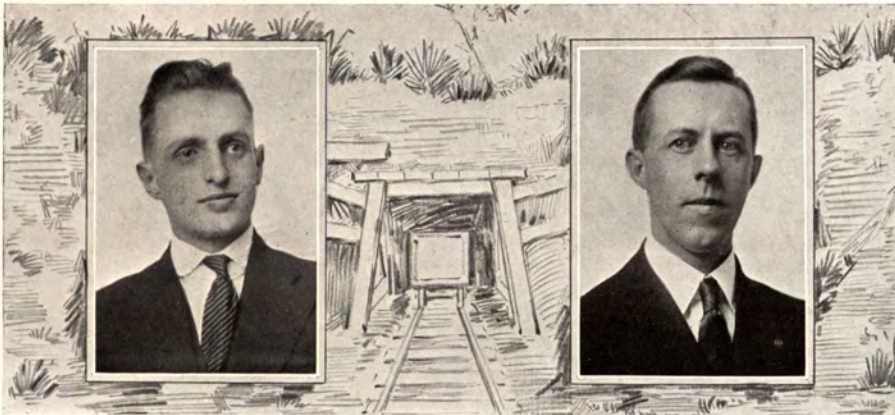
Mining Association

Bonanza

MINING ENGINEERING

The Fountain of Effervescence! Joy and optimism personified! "Noisy" Neustaedter. Further introduction is useless. His home suggests much, New Jersey, the "Skeeter State." Marvelous are the deeds of the mosquito. The association has not been without results. "Noisy" has shown us how to do things and in the right way too. As to fussing, he is a neutral. As to ability, he is there. The Mining Profession is to be congratulated on having secured so able a recruit.





CLARENCE EUGENE PETERSON
Quo Vadis *Kappa Alpha*

METALLURGY

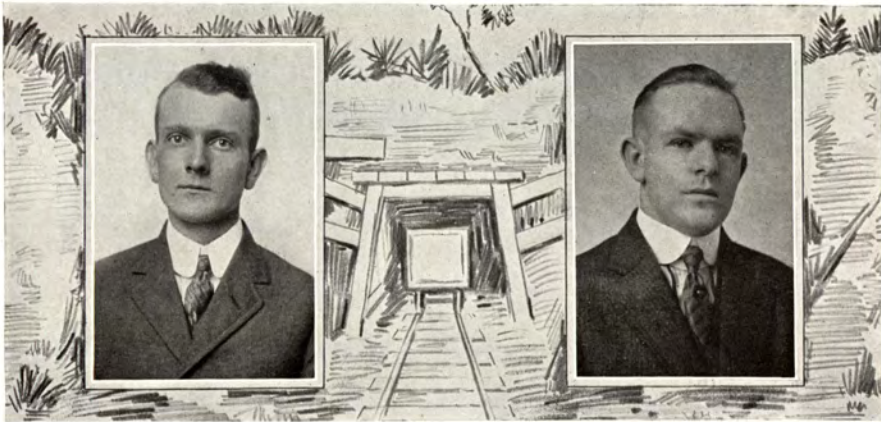
"Metallurgy Pete", "The Sweed", is one of the sharks in this institution. Before entering M. S. M., "Pete" helped the General Electric Company to run their affairs. Not only is he a scientific person, but a practical one as well. His Joplin experience will always be remembered. "Pete" has a number of proteges. Ask his friends about one called "Pete" and the one called "Mike." The man who knows all about one hundred per cent efficiency.

COLWELL ARBA PIERCE
Tau Beta Pi *Theta Tau*

MINING ENGINEERING

"Collie" comes to us as a welcome addition from the Class of 1910. If they were all of his caliber it must have been a "humdinger" of a class. Though a "Benedict," he has demonstrated at several of our Senior Class Meetings, that the true spirit of M. S. M. increases with years. Was a member of the Rollamo board that put out the 1909 Year Book.





EDWARD LOUIS SAILER

Tau Beta Pi

Athletic Association

CIVIL ENGINEERING

"Ed." hails from that grand old town of Cape Girardeau. Is a born and bred Civil Engineer, and has maintained a "Taw Bait" standing all through his four years. Seldom fusses, and has only one bad habit which is chewing tobacco when he thinks no one is looking.

JOHN SCHUMAN

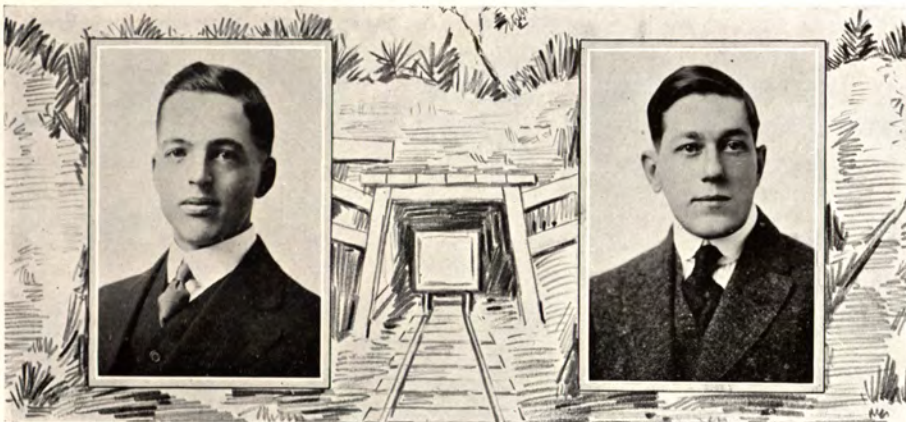
Athletic Association

Independant

CIVIL ENGINEERING

"Jahn" has always admitted he was next to the best in the class, and admitting it, he has never been called upon to prove it. Chief diversion is in raising gigantic red mustaches, looking after the farm and driving around in "Schuman's Limousine." We are also told that he has a fondness for girls sitting in his lap, but he will never admit it.





VIRGIL X. SMITH

Athletic Association

Independant

MINING ENGINEERING

Zing! A flash of khaki, a cloud of dust! What was it? "X" Smith on his motorcycle, riding over to see his girl in Salem. Says she is a "humdinger" and we believe it. His two main pastimes are Frame Structures and Duke's Geology work. Plays the mandolin, trombone, drum, piano and others too numerous to mention. Has the record of never having missed seeing No. 9 pass through, and always watches the Pullman windows for fair travelers.

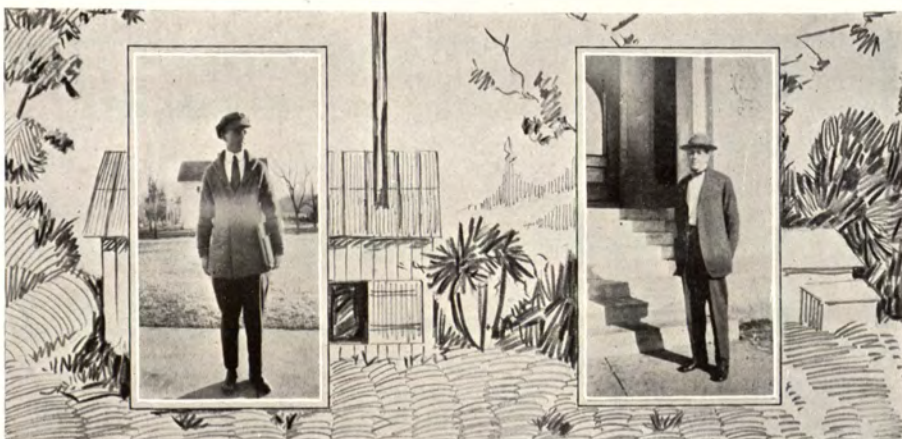
CARL GODFRIED STIFEL

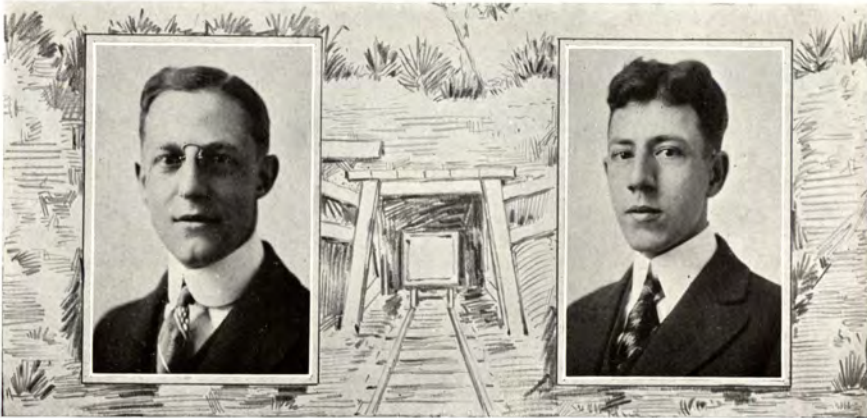
Theta Tau

Kappa Sigma

MINING ENGINEERING

"Carl is the modest one who keeps the ladies guessing. Flotation is his hobby, and he threatens to make some important discoveries that will make us all sit up and take notice. Came to us from Washington University in his sophomore year, and says he likes Rolla much better. Name is listed under Pipe and Bowl, Missouri Mining and Athletic Associations, and A. I. M. E., and has also served his time on the Student Council and Rollamo Board.





LOUIS A. TURNBULL

Quo Vadis Theta Tau Corsairs

CIVIL ENGINEERING

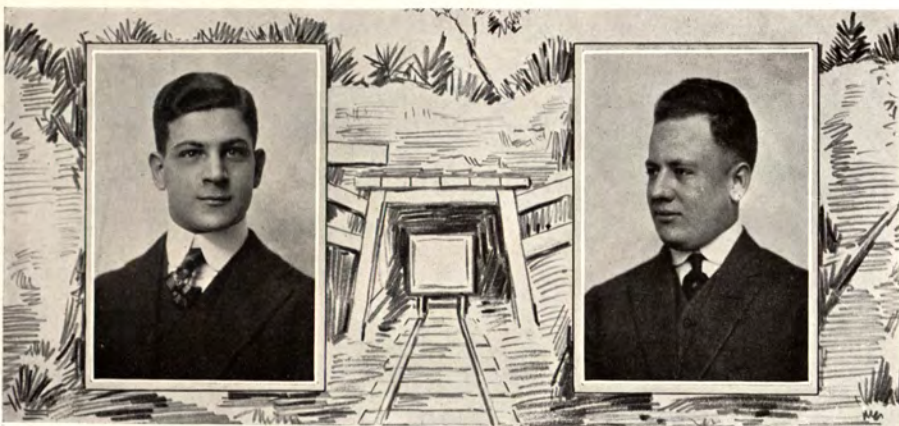
"D. T." Turnbull, the Senior partner of the firm of Allen and Turnbull, is agent for sliderules, technical magazines, Fords, insurance and the Cosmo-molitian, so *beware!* Also keeps the Miner well filled with advertisements, and acts (when the mood siezes him) as private secretary and stenographer to Business Manager Allen of the Rollamo. Is a quiet demure lad who fusses occasionally.

GEORGE EDGAR UDE

Athletic Association Corsairs

"Ed." is the other half of the Vogel-Ude combination, and is continually on the lookout for some sucker that he can inveigle into a poker game with Vogel and himself. Needless to say, the deck is always stacked, and the wire-less system between the two sharks has Marconi backed off the boards. Will play pinochle, poker, seven-up, pitch or anything and is a second Hoyle when it comes to rules. Spends his summers in St. Louis in the drug business, (is a registered druggist). Eats on one side of town and rooms on the other.





HERMAN VOGEL

Athletic Association

Corsairs

MINING ENGINEERING

Herman is the Thespian of the class, having played in "The Toastmaster" and The St. Pat's play of his Junior year. Would rather take part in a musical comedy than play poker, and he is very fond of the latter. Is a first-class quarterback and is a "sticker." Occasionally fusses, but likes playing pinochle better. Hails from the south side of a near-by Brewery town. Is a Mining Engineer before graduating, having served the practical side of it for some time. Member of A. I. M. E., and Mining Association.

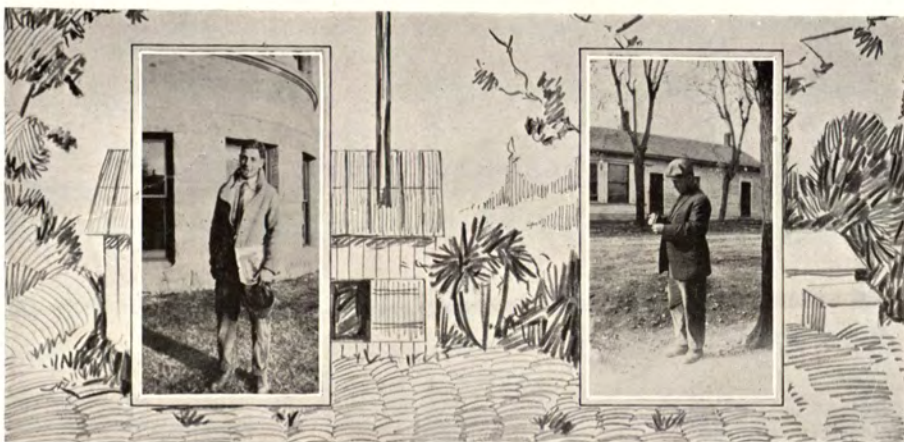
EARL BURDETTE WEIBERG

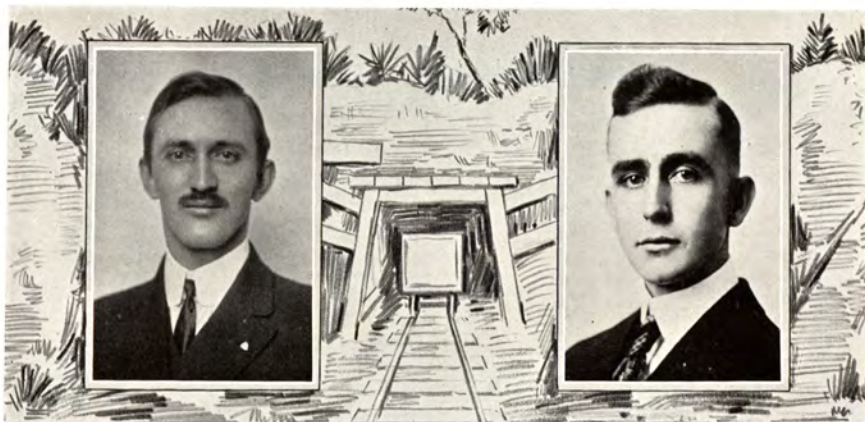
Trowel Club

Grubstackers

METALLURGY

"General" comes to us from Springfield, Ill., Lincoln's home town, and we firmly believe he will follow in that great man's footsteps. His favorite song is "Sunbeam," which he picked up at a Holy Roller meeting. Occasionally keeps awake in class, but rather than appear bored at some of the lectures, he settles back in his chair and enjoys a quiet nap. Always comes up strong on finals, however. Makes trips to St. Louis, but refuses to tell her name.





WALTER WILLIAM WEISSBACH
Athletic Association *Corsairs*

MINING ENGINEERING

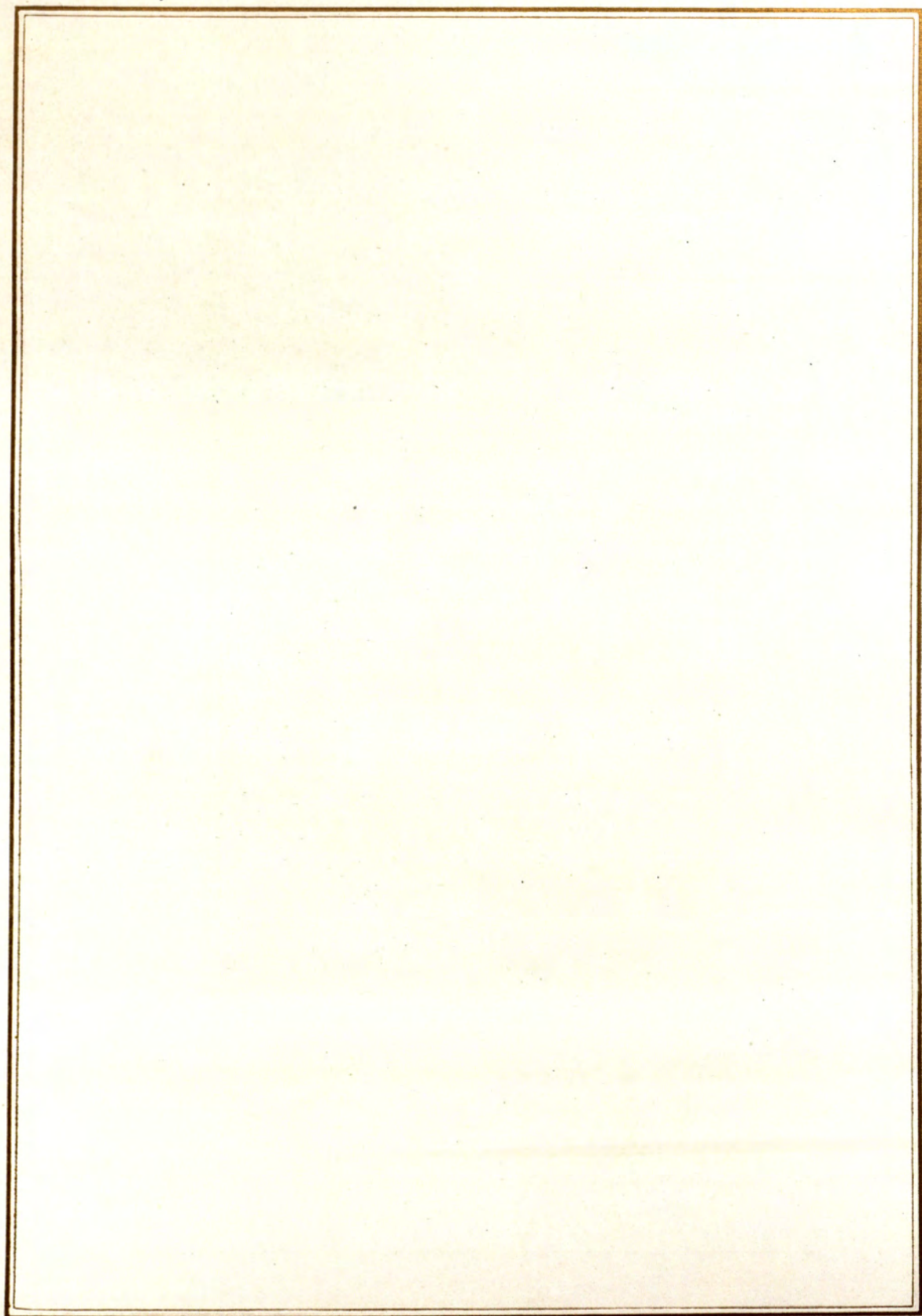
"Mephisto", "the guy that smells rocks", received his degree in January. He is a quiet fellow with a real mustache and a pleasant smile. Has been known to have had as much as seven thousand dollars all in twenty dollar gold pieces, but the details are of the vaguest.

JAMES ALEXANDER WORLEY, JR.
Delta Sigma Phi *Theta Tau* *Beantry*

MINING ENGINEERING

"Sunny Jim" hails from the Lone Star State, coming to us in his sophomore year from the University of Texas. Saw his first snow in Rolla and wants to see no more. Was born and raised in the grand old town of "San Antone." Occasionally drives out, when Pitts is out of town. Is a born Geologist and was the gun of the Economic class. Is the last of the famous squirrel team of "Dex and Tex." A member of Pipe and Bowl, Satyres, Argonauts, Athletic Association and a Student Assistant in Geology. In his Junior year he served on the Student Council, St. Pat's Committee, and the Rollamo.







JUNIOR



JOHN GOY REILLY,
President

Junior Class History

The golden dusk, half murky with the choking sands that rolled across the skyline was slowly deepening and the shadows of the shaft house and shanties were lengthening eastward. Now and then the lone howl of a cayote was wafted in on a sultry breeze and answered by a restlessness in the corral. Far out along the trail the low lying mountains of the distance seemed to raise their mighty shoulders and shake off the last fingers of light that soothed their crests and help the coming darkness to plunge us into lonesomeness.

There were four of us, Pat, Bill, Cy and myself seated around the mess house door, smoking, yawning and trying to appear happy. But in vain, for each draw of the pipe, each fragrant curl of smoke seemed to draw our thoughts back to the

hills at home. Pat hit the right chord when he said abruptly, "Say! wonder where all the boys are working this summer? I heard from Hipp and Klug before we hit Hurley—said the Muckers had all gone to Colorado. Has anyone heard of the rest of the bunch?"

And then began the good old line of talk which the two months' work in the mines had sort of dampened. The old boys were all discussed, and as by a single inspiration, at the end of a couple of pipefuls, Bill and Cy exclaimed, "Say, that old Junior Class of '17 were sure the right bunch." And we came in with a hearty "Check!" which reminded us all of the old Thermo and Hydraulics days.

Like all freshmen, we had been as verdant and gullible as they make 'em, but when it came to learning—well as Cy put it—the Faculty never saw a more intelligent bunch.

As far as physical prowess was concerned, the present Sophomore class will testify to bruised limbs and aching heads, and few of them will forget what the Juniors, then Sophomores, tendered them. On the football field there were Capt. Joe Wilson, Doc. Raible, Jim Bock, Ole Nevin, Bob Lyons and "Dad" Shriver to help push the pigskin to victory. In basketball, Ole Nevin, Kluge, C. A. Peterson gave place to none. In basketball, Doc, Raible, Joe Wilson, Huff and Tate, while in track, Joe Barton and Clyde Bower held up the Junior end. On the Rollamo we had Pat Reilly, Joe Wilson and Bill Shaw, on the Miner, Ebmeyer and J. K. Walsh, while six of our number made Tau Beta Pi, with ease, (likewise "Es").

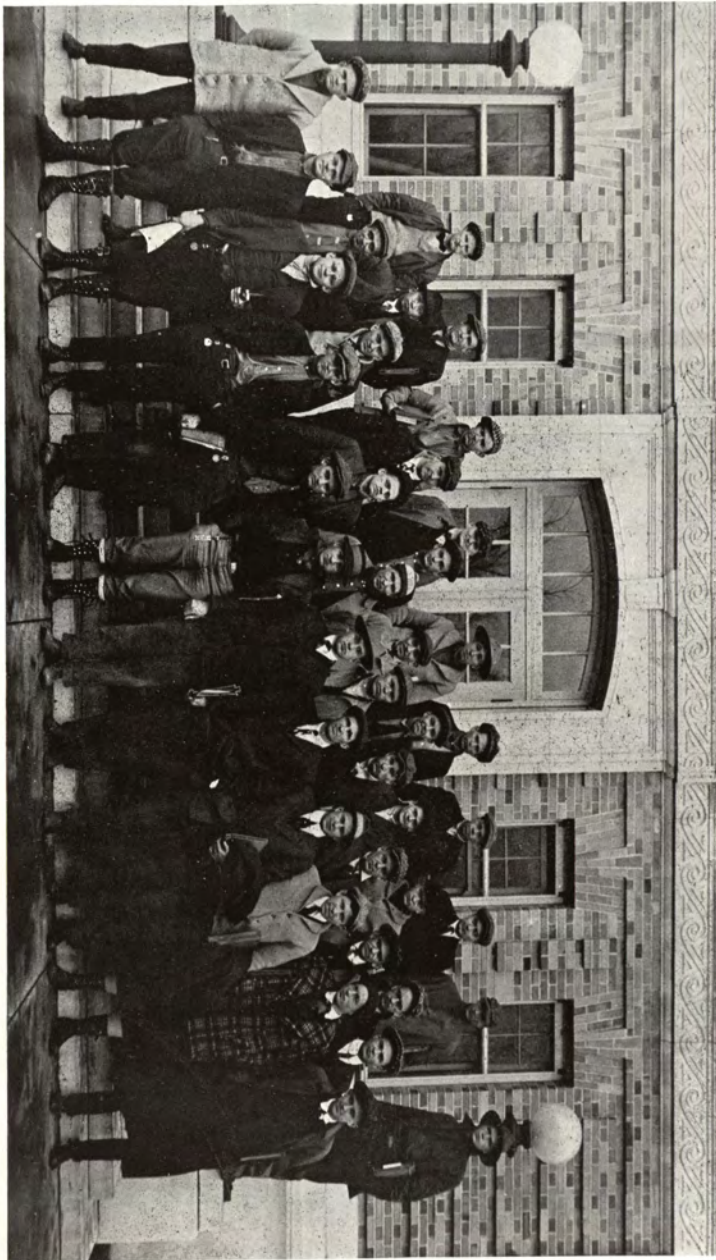
So we ran over each detail, and the more we discussed the old boys and their activities, the more we yearned to be together again. Following this vein, the talk went on into the night, but at the end there were four eager faces turned toward the north. Somewhere beyond the gloomy stretches of sand and cactus we knew were the rolling Ozarks and in their midst was nestled the greatest mining school of the West, Missouri's School of Mines at Rolla. And it was with a "Gee, we'll soon be going back, eh fellows!" that we knocked the ashes from our pipes and hit the hay for another day of mucking.

J. K. W.

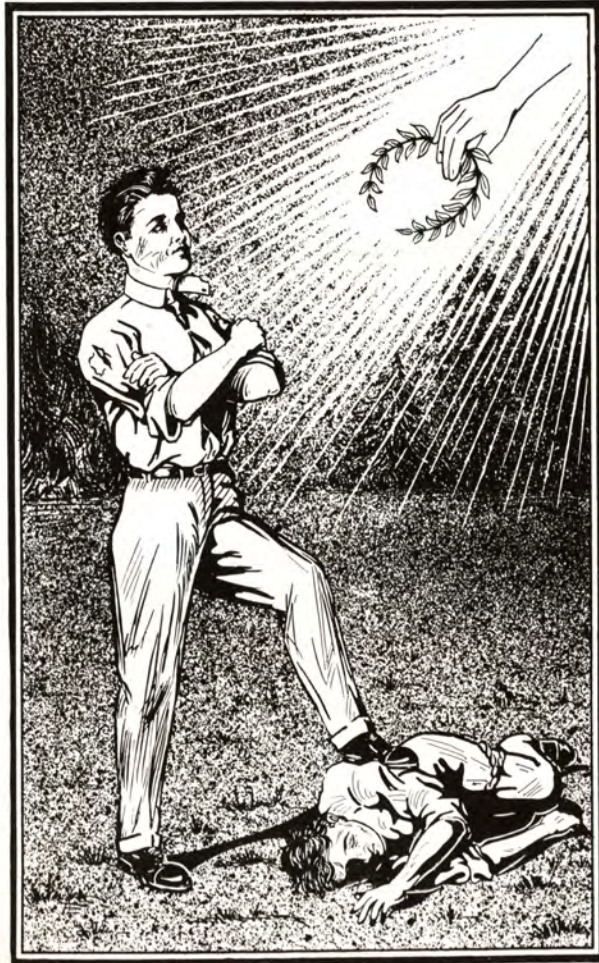
Juniors

Aid, Kenneth	Gallatin, Mo.
Ambler, Harry Atwood	St. Louis, Mo.
Barker, Lyle Maxon	Chamberlain, S. D.
Barton, Joseph	Montgomery City, Mo.
Bock, James Henry, Jr.	Muskogee, Okla.
Bower, Clyde Walter	Sedalia, Mo.
Bowles, Martin Frady	Neodesha, Mo.
Brown, John Stafford	Milford, Mo.
Burkhart, Edgar Carl	Macon, Mo.
Connoly, Frank Colemann	Springfield, Mo.
Cooper, Richard	St. Louis, Mo.
Crawford, Thomas R.	Paola, Kan.
Dale, Ralph	Herrin, Ill.
Dollman, Phillips Brooks	St. Joseph, Mo.
Ebmeyer, Gerald E.	Lincoln, Neb.
Elfred, Frank Stillman, Jr.	St. Joseph, Mo.
Erskine, Wood Steele	San Antonio, Tex.
Gerber, Theodore Christian	Washington, D. C.
Greenberg, David	Kirkwood, Mo.
Heimberger, Karl William	Rolla, Mo.
Henschel, Ramsay Coleman	Kansas City, Mo.
Hippard, Clemence William	Belleville, Ill.
Hoo, Te-Chun	Hun San, Hunan, China.
Horner, Howard Andrew	St. Louis, Mo.
Johnson, Frank Lindley	St. Louis, Mo.
Kahlbaum, William	Rolla, Mo.
Kaplan, Louis	St. Louis, Mo.
Kluge, Harry Albert	Collinsville, Ill.
Lask, Harold Arthur	Pasadena, Calif.
Leonard, Speed Stephens	Marshall, Mo.

Lesniak, Stanislaw Wejciech Rolla, Mo.
 Lucky, Maurice Cecil Cassville, Mo.
 Lyons, Robert Paul Springfield, Mo.
 Martin, Thomas Herbert Pocahontas, Ark.
 Nevin, James Raymond Ottumwa, Iowa.
 Pape, Paul Frederick Cape Girardeau, Mo.
 Peterson, Carl Alden Schenectady, N. Y.
 Raible, Joseph Christopher, Jr. Hannibal, Mo.
 Reilly, John Gay St. Louis, Mo.
 Ritter, Norton Elijah Joplin, Mo.
 Scheurer, Leroy Robert Wichita Falls, Tex.
 Schiermeyer, Harry John St. Louis, Mo.
 Shaw, William Allen St. Louis, Mo.
 Shaves, Fred Pine Rochester, N. Y.
 Shipley, John Joshua Kansas City, Mo.
 Shotwell, Phillip Bassett St. Louis, Mo.
 Shriver, Ray Otto Newton, Kan.
 Strawn, Harry Omar Washington, D. C.
 Teas, Howard Jones Freeport, N. Y.
 Tompkins, Edwin See Rolla, Mo.
 Walsh, John Kennedy St. Louis, Mo.
 Walsh, Thomas Patric Francis St. Joseph, Mo.
 Weimer, Fay Edward Okmulgee, Okla.
 Wilson, George Baldwin Rolla, Mo.
 Wilson, Joseph Griswold St. Louis, Mo.
 Young, John Toomer Clifton, Ariz.







SOPHOMORE



OSCAR ELI STONER
President

Sophomore Class History

Our history proper began when we first organized as a class in the shadow of the Grandstand at the Fair Grounds. Previous to this we had been given small(?) tastes of college life; so on this occasion, we organized to be able to cope more formidably with the Sophomores. After choosing a leader for the class fight, we marched to our Waterloo. The Sophs tied and painted us in a short time, but we fought valiantly against the odds.

When thus formally introduced to college life, we entered into things in the right spirit. Eight of our men were members of the ever-victorious football team; two of our men were members of the basketball team, and several of our men, including the great Dover, were members of the track team. We also took a very active part in baseball.

In Class Football we were defeated by the Sophomores, the score being 7-0. In basketball we were also defeated by the Sophs; but in track we scored more points than all the other classes combined. We fought to a finish in everything with the grim determination of getting even with the world by properly chastising the Freshman class following us. This we did, and to the Queen's taste.

When we alighted in Rolla as Sophomores, we immediately began to make medicine, or rather make places where medicine should be applied. We took the Freshmen through the usual stunts. One night the Freshies organized into a small band to dispute our supremacy. A very spirited battle ensued in which about four acres of blue grass were ploughed up. After this, things went well until the class fight. We were victorious after a long and hot struggle.

After the fight, we again turned to the other school activities. In football and in basketball we took our usual part. Imlay, Capt-elect, and Dawson answered the roll call for M's award in football.

At the close of the football season, a cloud was cast over our joy by the sudden death of our friend and classmate, Walter Howard Askew.

We trounced the Freshmen at football by a score of 20-7. The score stood 6-0 at the end of the first half. The Freshmen spirited up and scored a touchdown and a goal, making the score 6-7 in their favor. Then we saw some of the real spirit of the Sophomoes; the Doeling-Flanders combination got busy and scored two touchdowns during the remainder of the game.

We braved the wrath of the Faculty and Student Body by proposing and securing a weekly mass-meeting. We are helping to make it a success. It is not well for a man to say too much about himself; therefore I shall conclude by saying that the class of '18 is in for anything that will help make M. S. M. a better school.

Drill and transit—boiler—plate
Engineers—one—eight.

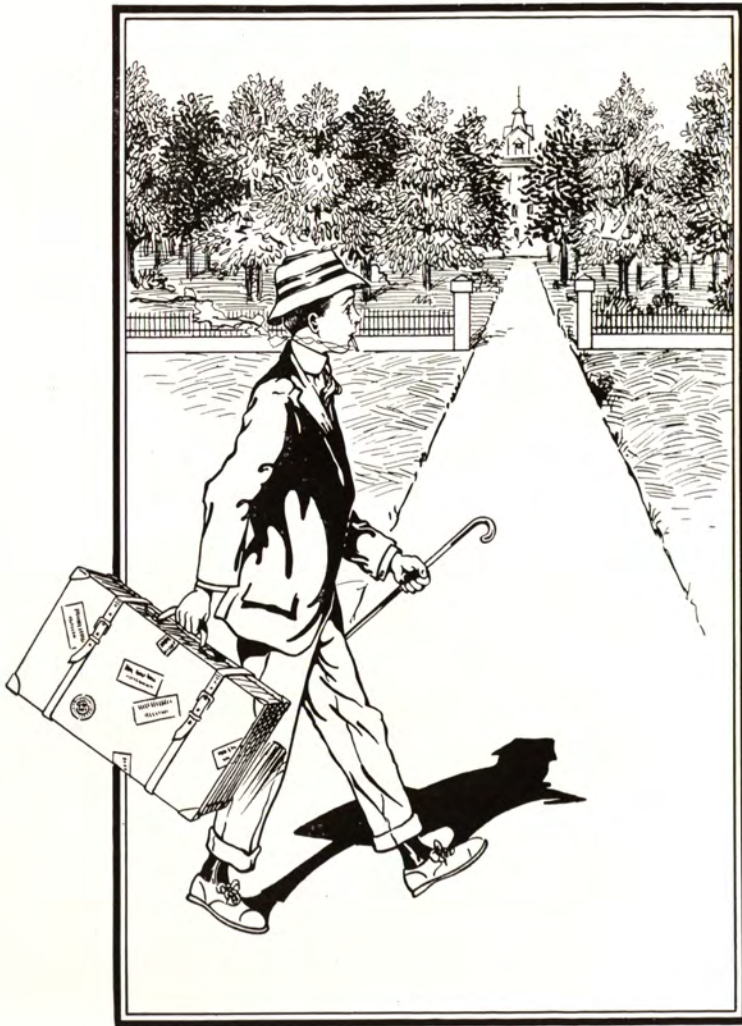
Sophomores

Askew, Walter Howard	Aberdeen, S. D.
Balderson, Vearle Weiss	Atchison, Kan.
Bardsley, Clarence Edward	St. Louis, Mo.
Chavez, Raul	St. Louis, Mo.
Clark, Howell Smith	Kansas City, Mo.
Corby, Harry Gilbert	Carthage, Mo.
Cox, James	St. Louis, Mo.
Cox, William Ray	Sullivan, Mo.
Dawson, Thomas Langhead	Kansas City, Mo.
Decker, Ernest Ethridge	Waynesville, Mo.
Doeling, Victor Hugo	Hannibal, Mo.
Doennecke, Henry William	Davenport, Iowa.
Doran, Homer Martin	Wellsville, Kan.
Epperson, Charles Lee	Joplin, Mo.
Fielder, John Ray	Shelbyville, Ind.
Flanders, Jerome Emerson	Paris, Mo.
Fleming, James Taffe	St. Louis, Mo.
Geib, Francis Hodgson	Denver, Colo.
Goldman, Leon Harrison	St. Louis, Mo.
Golick, Tony Frank	Canton, Ill.
Halley, Henry Clay	Auxvasse, Mo.
Herivel, Harold Tourtel	El Oro, Mexico.
Housholder, Earl Ross	Bowling Green, O.
Imlay, John Logan	Tyler, Minn.
Kern, Paul	Monroe City, Mo.
Lawrence, Hiram Pettibone	St. Louis, Mo.

Mack, Otis ForrestGranby, Mo.
 Maher, LawrenceSt. Louis, Mo.
 Maness, Orie NewellWebb City, Mo.
 Massey, Robert Lee, Jr.Omaha, Neb.
 Miller, Edwin LawrenceKansas City, Mo.
 Morris, John MunsonFarmington, Mo.
 Murphy, Earle NelsonVinita, Okla.
 Neuman, Elias AdolphSt. Louis, Mo.
 Ore, Felipe BuenaventureLima, Peru.
 Powell, William ClarkRolla, Mo.
 Pugh, James WillardKansas City, Mo.
 Quiroga, Francisco Gabilondo.....Nacozari, Sonora, Mexico.
 Reber, William HoustonDallas, Texas.
 Rucker, Ambrose ChockleyKeytesville, Mo.
 Scanlan, Frank DaileyNewburg, Mo.
 Schnaidt, Charles MichaelSt. Louis, Mo.
 Shanfeld, MichaelSt. Louis, Mo.
 Skeen, Leslie CarlisleSt. Louis, Mo.
 Spickard, Harold EwingDes Moines, Iowa.
 Stahl, Horace ReynoldsQuincy, Ill.
 Stoner, Oscar EliChester, Neb.
 Stroup, Richard JohnWest Quincy, Mo.
 Terry, Mark LorenJamesport, Mo.
 Valentine, Herman FrederickMarshall, Mo.
 Wilson, Eldred DeweyRolla, Mo.
 Zeuch, Walter CharlesSt. Louis, Mo.
 Zoller, Lawrence JosephRolla, Mo.







FRESHMAN

Freshman Class History



PHILIP HARRY BOHART
President

Let us not boastfully or arrogantly publish broadcast our history, but rather confine ourselves to, "the truth, the whole truth, and nothing but the truth." Keeping this in mind, kind reader, please forbear to severely criticise us if we are unable to make this epistle read like _____,, or any other magazine that I am sure you are familiar with.

We admit that we gave the sophomores more practice at guessing than even Prof. Dean has ever done. Our strategical maneuvers during the class campaigns in September were not without some casualties. A Ford car which was used in running the sophomore blockade, turned over while bringing supplies to our citadel, and injured two of our most daring men. Two more of our scouts contracted severe colds from swimming across the pond to rescue two of our standards. These two men

were decorated with aluminum crosses at the first regular meeting of the class. They were still weak from exposure, and we thought iron crosses would be too heavy.

Our first great Rolla-wide triumph was the publication of our declaration of war. Few have been the freshman classes whose posters were the first to grin their defiance to the rival class, but in that few is enrolled the "Class of '19." Our costumes and unique make-ups certainly had their effect on that memorable and never-to-be-forgotten day of the final clash of the classes. We were disguised as south sea islanders, and were made up by experts from St. Louis. You will doubtless hear that we lost—we did, but so did Hannibal, so did Napoleon, so did Lee.

If you insist that we mention our defeat in football, then we must insist that you recall with what gloomy countenances the "Sophs." watched the game for a while. Victory with her winged feet eluded us for a time, but she was at last found hiding in a basketball. It seems odd, perhaps, but it was reported as the truth, that before the game, scarcely anybody could be found who was willing to risk his pie on the "sophs." Before the game was half over the reason for such a condition was clearly discernable. The opposing team complained that the ball was larger than the basket.

Three of our men were awarded letters in football and we have been well represented on the Varsity Basketball Team. The entire class seemed willing and eager for St. Pat's day. In fact those of us who were not engaged in class duties offered our services to the other classes in an endeavor to make St. Pat's day a success. "We are strong for" M. S. M. and intend to try to make as good a class of Sophomores next year as the school has ever had.

P. H. B.

Freshmen

Aid, Harry	Gallatin, Mo.
Alfend, Reuben	St. Louis, Mo.
Anderson, Sidney Lorenzo	Springfield, Mo.
Ashlock, Evan Earl	St. Louis, Mo.
Bates, Arle Haywood	Flat River, Mo.
Beck, Stanley Ashton	Clifton, Ariz.
Benton, Louis Brent	Fort Worth, Tex.
Bohart, Philip Harry	Fort Worth, Tex.
Brandenburger, Walter Otto	Belleville, Ill.
Brazill, Mathew Patrick, Jr.....	St. Louis, Mo.
Bruce, Robert	Wellington, Kan.
Brutinel, Don Leo	Clifton, Ariz.
Crow, Wayman	St. Louis, Mo.
Deckmeyer, Frederick	St. Louis, Mo.
Dowd, Raymond John	St. Louis, Mo.
Durning, William Clarence	St. Louis, Mo.
Eulich, Artileus	St. Joseph, Mo.
Forman, Percy Grant	Sasakwa, Okla.
Gill, James Pressley	Montgomery City, Mo.
Goldsmith, Osher	Dallas, Tex.
Goodman, John Warren	Louisiana, Mo.
Gotsch, Oscar Henry, Jr.....	St. Louis, Mo.
Gray, William Douglas	New York City
Haley, Ralph	Carl Junction, Mo.
Hansen, Knud Fabricius	Copenhagen, Denmark.
Harris, Dixie	Rolla, Mo.
Harris, Harold Shelton	Morley, Mo.
Henson, Nacy Frank, Jr.....	Sikeston, Mo.
Hodges, Joseph Tipton	Granby, Mo.
Jones, Wesley Edward	Rolla, Mo.

Kamp, Henry GeorgeSt. Louis, Mo.
 Kerr, ArthurRolla, Mo.
 Krause, Frederick ArthurSt. Louis, Mo.
 Lang, Frederick RobertSt. Louis, Mo.
 Larsh, Napoleon BonaparteUnion, Neb.
 Leach, Thomas WittPine Bluff, Ark.
 Lottmann, Walter FrederickSt. Louis, Mo.
 Lynn, Earl AlbertSt. Louis, Mo.
 Marston, RobertEl Paso, Tex.
 Miller, GalenJoplin, Mo.
 Moore, Fred VailCrystal City, Mo.
 Morris, Thomas CarsonFarmington, Mo.
 McCarthy, MerylFarmington, Mo.
 McKiddy, Harry EarnestCainsville, Mo.
 Oyler, William EllsworthLyndon, Kan.
 Packman, NathanSt. Louis, Mo.
 Petsch, Arthur HenryLexington, Mo.
 Pray, Donald PorterWellington, Kan.
 Pryor, George WillisSt. Joseph, Mo.
 Rice, Carl ClarkRolla, Mo.
 Rodenbaugh, Elmer SidneySt. Louis, Mo.
 Seothorn, Carl WilliamJunction City, Kan.
 Scott, James WalterRolla, Mo.
 Scruby, Horace D.....Chillicothe, Mo.
 Shore, Harold F.....Chillicothe, Mo.
 Smiley, VivienHannibal, Mo.
 Springer, Robert WilsonSullivan, Ind.
 Stokes, Lawrence WilliamKennett, Mo.
 Walton, George WorthBelton, Tex.
 Webb, John ShockwellLas Vegas, N. Mex.
 Weiser, HanleyWebster Groves, Mo.
 Wilkinson, Paul DeLassusSt. Louis, Mo.
 Williams, Anvil ClarkSullivan, Mo.
 Willis, FloydSullivan, Ind.
 Wilson, Clarence ChamberlinLexington, Mo.
 Wilson, Kenneth CambellGlobe, Ariz.
 Wilson, Thomas LeeSullivan, Ind.



Special Students

Allison, Harold Farris	Springfield, Mo.
Baker, Milton Herbert	Okmulgee, Okla.
Beckham, Lester	Rolla, Mo.
Bennett, Roy Linwood	Raton, N. Mex.
Cable, Philander Lathrop, A.M.	New York City
Chamberlain, True Stanley	Rolla, Mo.
Crenshaw, John Renoir	St. Louis, Mo.
Dent, Bertha	Rolla, Mo.
Dover, Fayett Lee	St. Louis, Mo.
Etem, Charles August	Hickman Mills, Mo.
Harris, Zoe	Rolla, Mo.
Heinz, C. E. Henry	St. Louis, Mo.
Hills, James Crane	Carthage, Mo.
Howendobler, John Leslie	Tulsa, Okla.
Jamison, Glen Thomas	Joplin, Mo.
Johnson, George F.	Tulsa, Okla.
Kennedy, Roxie	Rolla, Mo.
Lawrence, Nathaniel Morris	Norfolk, Conn.
McRae, Eleanor Wood	Rolla, Mo.
Nolte, William	St. Louis, Mo.
Papin, Joseph Emmett	Flat River, Mo.
Rhoads, Roy Erwin	Leadwood, Mo.
Scott, Olive	Rolla, Mo.
Smart, Robert James	Osage, City, Kan.
Wynn, Clarence Marion	Rolla, Mo.

Graduate Students

Clayton, Charles Yancey, B.S., '13.....	Rolla, Mo.
Dean, Reginald Scott, B.S., '15.....	Rolla, Mo.
Duffy, Ralph Earl, B.S. in E.E., '08, Univ. of Mo.....	Rolla, Mo.
Dunn, Theodore Saunders, B.S., '10; M.S.M., '14..	Pittsburg, Mo.
Lumaghi, Octavious Louis, Ph.B., '14, Yale.....	St. Louis, Mo.
Robson, C. Thomas, B.S., '14.....	Potosi, Bolivia.

In Memorium

Thomas J. Canavan	. Ex. '17
Frank Gardner	. . Ex. '09
E. C. Heck	. . . '05
George Hoyle	. . Ex. '03
Walter H. Askew	. '18
Herman C. Hase	. . '08
Charles A. Fack	. . '00





ATHLETICS

Athletic Board of Control

OFFICERS

FRED GROTTs	President
EDWIN KAHLBAUM	Secretary
W. H. MCCARTNEY	Manager
F. E. DENNIE	Coach
G. H. COX	Faculty Representative

ATHLETIC ASSOCIATION

FRED GROTTs	President
DR. J. W. BARLEY	Vice-President
W. H. MCCORTNEY	Business Manager
J. CHARLES MILLER	Secretary
EDWIN KAHLBAUM	Treasurer
F. E. DENNIE	Coach

CAPTAINS OF TEAMS 1915-1916

"Jodie" Wilson	Football	"Fritz" Heman	Basketball
"Kelly" Miller	Baseball	"Red" Maher	Track

CAPTAINS-ELECT 1916

"Wildcat" Imlay	Football	"Bill" Kamp	Baseball
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"M" MEN 1915

FOOTBALL

"Jodie" Wilson, Capt.	"Doc" Raible	"Ole" Nevin
"Wildcat" Imlay, Capt.-Elect	"Ray" Dowd	"Hans" Vogel
"Kelly" Miller	"Mat" Brazill	"Tommy" Dawson
"Mac" McCartney	"Jim" Bock	"Fritz" Heman
"Shorty" Bruce	"Bob" Lyons	"Ole" Askew
	"Cutey" Krause	

"M" MEN BASKETBALL 1916

"Fritz" Heman, Capt.	"Ole" Nevin
"Cutey" Krause	"Red" Maher
"Big" Peterson	

"M" MEN BASEBALL 1915

"Kelly" Miller, Capt.	"Tubby" Skeen
"Bill" Kamp, Capt.-Elect.	"Daddy" Huff
"Buck" Mountjoy	"Fred" Grotts
"Jodie" Wilson	"Slats" Keeling
"Doc" Raible	"Tommy" Dawson
"Robin" Tate	

"M" MEN TRACK 1915

"Fred" Dover	"Noisy" Neustaedter
"Fritz" Heman	"Joe" Barton
"Little" Peterson	

FOOTBALL



Football Review, 1915

Taking all things into consideration, the season of 1915 was a very successful one.

Practice was started at the opening of school with about thirty men out and of these only five were "M" men from the record breaking team of 1914. With the hardest schedule to look forward to that a "Miner" team has ever had to face, Coach Dennie strated in hard work right off the reel and began his weeding out process. With such men as Imlay, Capt. Wilson, Miller and Askew to start with, Dennie immediately began building a team around them. It was a hard job, but with everybody pulling and working together, Coach Dennie finally beat a team into shape which took the Pittsburgh Normal Team to a cleaning to the tune of 41-0.

Our next opponents were the fast Illinois Team and although beaten by a 75-7 score, the team accomplished something which no other team in the big nine was capable of doing and that was to score 7 points against them.

The team improved in rapid strides from the Illinois game and this they clearly demonstrated by taking the Springfield Normal team into camp the next week by the score of 51-20.

After a hard trip down into the land of the Tropical Sun, we held the fast Texas A. & M. to a low score which was all that could be expected, when the long trip, the hot sun and the calibre of the longhorns is taken into consideration. Texas A. & M. whalloped "Texas U" in their annual battle and "Texas U." is considered "some pumpkins" down in the "Short grass" country.

With the team playing together as a man and with the do or die fighting spirit of the "Miners" oozing out all over, the rest of our opponents were taken into camp easily, and the "Miners" showed their superiority in decisive style.

Starting with the Kirksville Osteopaths, the "Miners" thoroughly cleaned the fast Drury and Warrensburg Normal Team and woe be unto Arkansas had not the game been cancelled due to the sudden death of left tackle Walter Askew.

It is a great pity that we couldn't have played St. Louis U., or Washington, but after both received such decisive beatings in 1913 and 1914, they decided the "Miners" were too rough to play in their "back yards," and in consequence they are extremely lucky not to have their hides hanging on the walls of the "Miners" Camp this year

Looking back over the season, we cannot help but admit after considering the strenuous schedule, the lack of training facilities and the abundance of green material that Coach Dennie had to work with, that he turned out a team that did the school, himself, and themselves justice.

Then again looking back over our victories, we will agree with all the big critics and take the "4" out of 1914, and change it to a "5;" so as to read:

1915 State Champions

MISSOURI SCHOOL OF MINES

RECORD

DATE	POINTS	OPPONENTS	POINTS
Oct. 1. M. S. M.	41	Kansas State Normal	0
Oct. 9. M. S. M.	7	Illinois University	75
Oct. 16. M. S. M.	51	Springfield Normal	20
Oct. 22. M. S. M.	3	Texas A. & M.	33
Oct. 30. M. S. M.	36	Kirksville Osteopaths	6
Nov. 6. M. S. M.	26	Drury	6
Nov. 13. M. S. M.	13	Warrensburg	7
	177		147

(NOTE:—The game with Arkansas University was cancelled due to the death of Left Tackle Askew, caused by an automobile accident in St. Louis, November 20, 1915.)





COACH DENNIE
Brown University



FRED GROTS, '16
President A. A.



W. H. McCARTNEY, '16
Business Manager



JAMES J. ALLEN, '16
Cheer Leader

"JODIE" WILSON

Captain, End, Fullback

Joe, playing his third consecutive season in a Miner's uniform, showed that he was a man to be feared by all his opponents. His place kicking made him a dangerous man from any position past mid field. Joe played in most every position on the team this year and did himself and the team full justice in all. He was a real captain. He has once more year to play and with his co-operation, Captain Imlay should have a successful season. It might be well to mention that in the principal football records of the year, in inter-collegiate circles as compiled by Davis, Joe holds the record for the longest place kick.



"JACK" IMLAY

Captain-Elect, Halfback

"Wildcat"—we don't know where he gets the name, but if it applies to football, he is all of that and then some more. To see Jack skirt the ends and shake off the many tacklers is the real feature of the game. He is without doubt the classiest, fastest and best halfback turned out in the West, in many years, and it would not be saying too much to say, in the country. With Jack as captain of the 1916 team, he will set some pace for his men to follow. It might be well to mention that Jack ran through the entire Illinois U. team for 90 yards and a touchdown.



"KELLY" MILLER

End, Fullback

"Kelly" playing his fourth and last year in a Miner's uniform, has demonstrated again that he is one of the finest ends turned out in the West in many a day. Playing equally well both at defensive end and offensive fullback, the two hardest combinations in football, Kelly never once let anyone get by him. Here's to you Kelly and may the best be yours.





"KADDNER" KISKADDON

Quarterback

Although playing only two games with us this year, because of parental objections, "Kis" demonstrated to us all that he still was the classiest quarterback that ever donned moleskins for M. S. M. His heady work in calling his plays and his deadly tackling were feared by all. Although unable to play the remainder of the scheduled games, Kis was always on the field helping Coach Dennie with the men.

"BILL" McCARTNEY

Halfback

"Mac" has played his last year in a Miners uniform due to the fact that he is graduating. He has been a steady hard player both on defence and offence. He is a fierce line plunger and a deadly tackler. We all regret seeing "Mac" leave us as his place will be hard to fill.



"HANS" VOGEL

Sub, Quarterback

"Vogel" is a hard worker and his tenacity has won him admiration from all. He has played his last game owing to graduation, and he will be greatly missed by us all.

"FRITZ" HEMAN

End

Comes from Iowa, the State famous for Athletes. He has speed and has convinced us of this fact by being a valuable man at either end or halfback. With another year's experience, Fritz should be an All-Missouri Man.



"JIM" BOCK

Guard

After two years prepping, Jim came through as one of the main stays of the line. Next year Jim should be one of our best men. Come on "Jim."

"DOC" RAIBLE

Quarterback

"Doc" proved to be one of the most valuable men during the 1915 season. His judgment of plays, using the right one at the right time is to be commended. "Doc," with last season's experience, should be a very valuable man in 1916.





"OLE" NEVIN

Tackle

Another Iowa product. Always full of life and in the game from start to finish. "Ole" has another year to play and should prove to be a great strength in the 1916 line.

"OLE" ASKEW

Guard

It has truly been said that "Ole" was the most aggressive football man that ever donned the moleskins for M. S. M. Though slight in stature, he appeared a monster to his opponents. His untimely death was a most severe blow to all, as he was most dear in all our hearts.



"SPEED" DOVER

Halfback

Dover, a sub of the last year's machine, bid fair to become a star as a halfback, but after playing two games he was forced to retire because of an injury received in the Texas game. His speed was a thing to be feared by his opponents. Here's hoping to see you again next year, "Speed."

"BRANDY" BRANDENBURGER

Guard

Although playing but two games with us this year, "Brandy" demonstrated that he had lost none of his last year's prestige. If he plays next year he can be looked upon as one of the mainstays of the team. We hope to see you back in uniform next year, "Brandy."



"TOMMY" DAWSON

Sub, Halfback

"Tommy" will be remembered for his work in the Texas A. & M. game. He is only a little over five feet tall, but every inch of it is fight and gameness. He will be remembered as having added pep to the trip with his song, "Come Down Nellie."

"BRUCE"

Center

"Bruce" came to us with a reputation as a center and he sure has lived up to it. He was little, but Oh, My! Never said much, but was fighting his way through. His work in the Warrensburg game will never be forgotten. With three more years to play, "Bruce" should develop into an All-Western man.





"MICKY" BRAZILL

Halfback

"Mickey's" toe is one to be feared by our opponents during his stay at M. S. M. Coming to us but a green freshman, "Micky" improved rapidly and is bound to make his mark in the football world. Save that too, "Micky."

"CUTEY" KRAUSE

Guard

"Cutey" was very green, being a freshman, at the beginning of the season, but had developed into a first-class line man before the year ended. He has three more years before him during which time we expect great things.



LARCH

Sub, Halfback

Coming to us as a green freshman and with a reputation as a halfback, Larch demonstrated by his playing on the scrubs that with this year's experience he will make some of the fellows hustle next year to retain their berths.

"DADDY" SHRIVER

Sub, Lineman

Hats off to you "Daddy," to the man who in three years has displayed more pep and spirit than any man in school. Although never making the Varsity, "Daddy" has never missed a practice in three years time. We are for you "Daddy" and may the best be yours. Would there were more like you.



"KIT" MORRIS

"Kit" came to us from the Farmington High School labeled Football Material. Although but a green freshman, "Kit" made some of the boys hustle to keep their positions, and experience alone is all he lacked. With last year's experience behind him, "Kit" should prove a valuable man in the line next year.

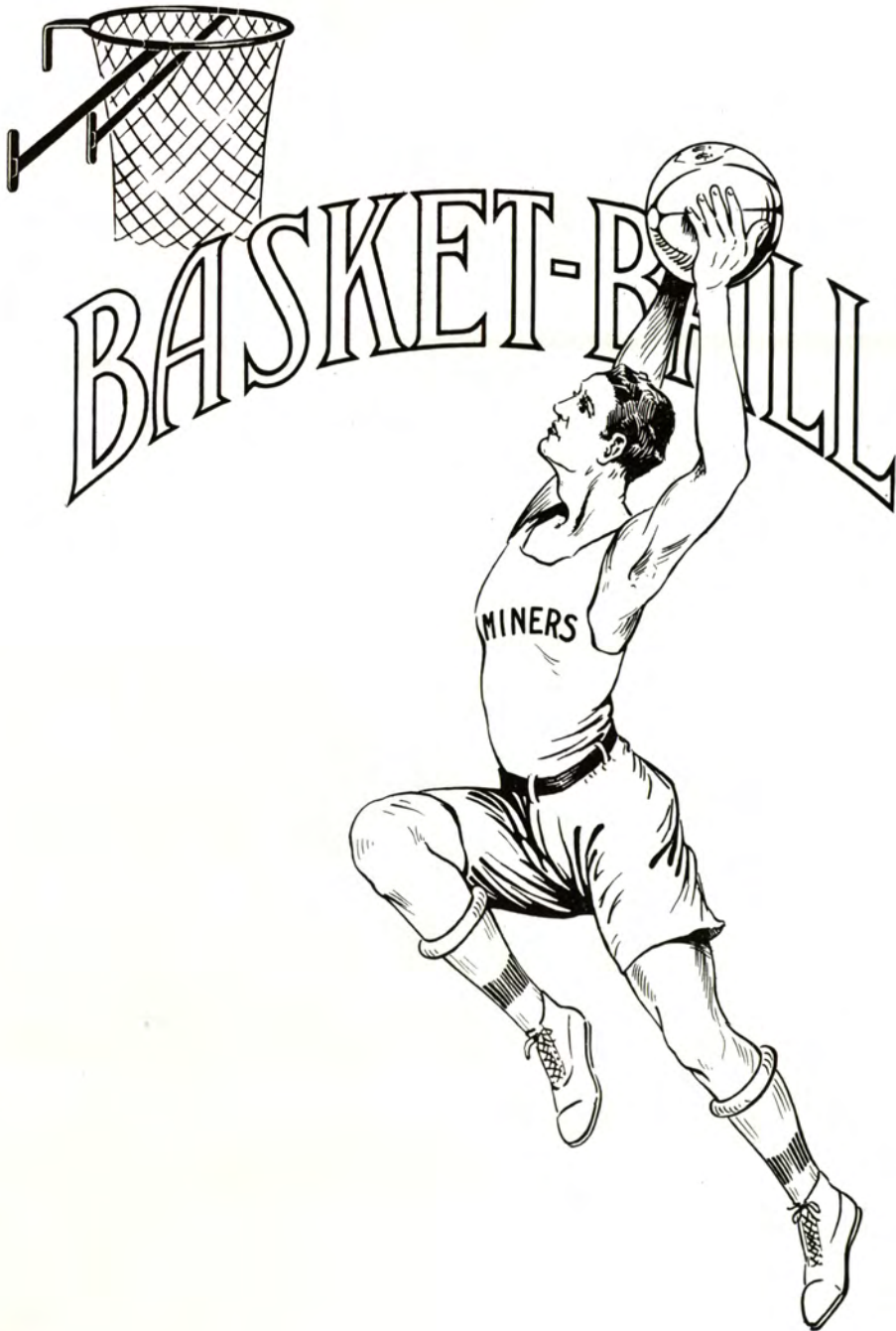
"LITTLE DOC" McRAE

Mascot

He's little, but, Oh my! To say mascot is touching it lightly. He never misses a practice and is on hand at all games, at home and away; always pulling, fighting and dragging for the Miners to win. Never gets tired of boosting the Miners, and says when he grows up he is going to be another Imlay.







Basketball Season Review

After a start that would barely have done credit to a Basketball team in the high school class, the "Miners" wound up the season in a blaze of glory that surprised even the most optimistic. Starting the season with three "M" men from 1915 back and with a bunch of good material including, Krause, the St. Louis, star, "Big" Peterson, Scotty and others, the prospects for a banner team were very bright indeed. But whatever may have been our fondest hopes, we reckoned without that "God of things," the inevitable handicap, which seems, no matter how hard we work against it, to quench our championship aspirations in Basketball.

After three weeks of preliminary practice and weeding out, the team, although playing a hard game fell before the fierce onslaughts of the fast McKendrie College quintette, which team has held the southern Illinois championship for several years. While we lost this game, it was the first chance the Coach had had to see the men under fire and he immediately made several changes for the better.

After several weeks more of good hard practice, the men journeyed to St. Louis to take on the Washington U. "five" and to whom they lost two heart breaking games by close scores. Our next opponents were the Central Wesleyan "five" of Warrenton Mo., and whom the "Miners" downed in a hard fought game.

The next opponents to be faced were our old rivals, the Drury "Panthers," and, although beaten both games, the boys convinced even the most pessimistic that they were playing a much improved game and that their defeats were due chiefly to the "Fates" and to whom they dealt a severe knock out blow in the course of the next month, by beating in the order of their arrival, the fast Wesleyan team, the Marionville Quintette and the most hated Drury "Panthers," all by overwhelming scores. Yea, verily, it was a pleasure one will never forget to have seen the "Peterson to Heman to Krause to the basket" combination that rolled up the score until the score keeper was out of marking space.

In giving a short personelle of the team, one must comment upon the wonderful passing game played by Captain Heman. He was all over the floor, all the time and was the pep of the team. "Red" Maher, at guard, is one of the fastest, cleanest and best guards in the state, yes, in the middle West. "Ole" Nevin, at the other guard position, was always on his man, it seemed, but still he found time enough to drop in a few field goals during each game. "Big" Peterson, at center, was a deadly shot and time after time he brought the spectators to their feet with a long shot from mid-floor. "Cutey" Krause, at the other forward position, was "there" all the time. He was a deadly shot with the whole opposing team hanging on him. "Cutey" played a hard, clean game and his shooting 13 field goals in the Drury game is a fete well worth being proud of.

It would not do to close without mentioning "Little" Peterson, Kluge, the Collinsville "Wiz." and "Scotty" the ex-Rolla High School boy. In these men we have a triumverate that are bound to make their marks in basketball before they leave M. S. M.



"FRITZ" HEMAN
Captain



"RED" MAHER
Guard



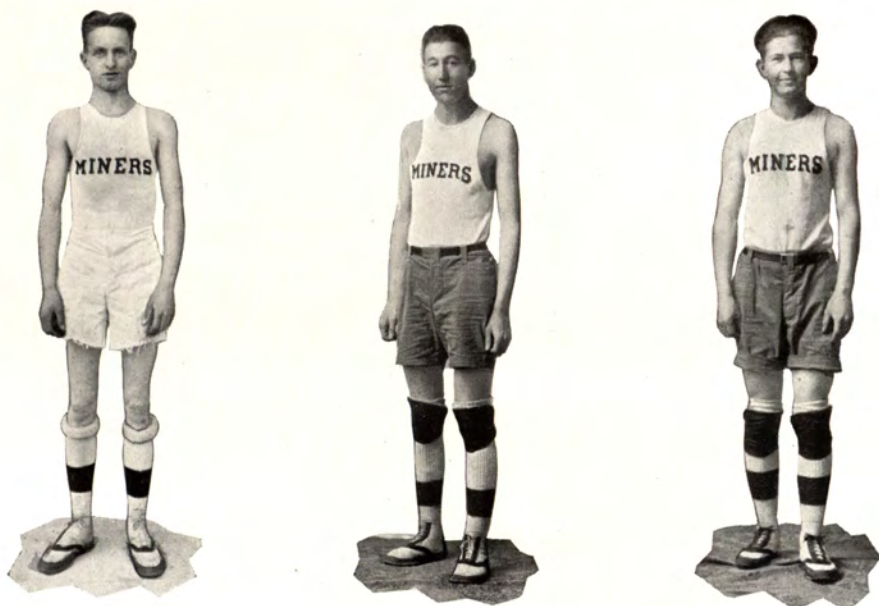
"CUTEY" KRAUSE
Forward



"OLE" NEVIN
Guard



"BIG" PETERSON
Center



BASE BALL



Baseball Season Review

The 1915 baseball season was to a certain extent a successful one. Although the team was not so fortunate as to win all the games on their schedule, yet they did play good ball and at times put up a good exhibition. Beginning the season with an abundance of good material, but without a coach, things looked anything but bright for the "Miners" during the Baseball campaign. After about two weeks of coachless practicing, Coach Dennie arrived to take charge and things immediately began to brighten up and a new vim was put into the practice.

With not quite a week's practice under Coach Dennie, the team departed to open the season against Arkansas U. at Fayetteville. Although beaten both games, we convinced our followers that all we needed was a little infield practice to make the best of them hustle. Upon arriving home, the team was switched around to such an extent that Miller and Wilson were the only men to retain the position they had played in the Arkansas game, the rest of the men being moved to other positions in which they really belonged.

From then on the "Miners" to a man played with the "old pep" and ginger which is so characteristic of a Miner team, and this, aided by wonderful coaching from Dennie, caused them to sweep everything before them even to getting an even break with the fast Nebraska Indian team and with whom we closed the season.

In closing, a short personelle of the team might be given. Capt. Miller, playing his third season for the "Miners" at second base, was all that could be asked and more. He was a dangerous man at bat as well as in the field. "Bill" Kamp, on third, did himself proud, not only in the field, but at bat, as he was a dangerous man with the stick at all times. "Tommy" Dawson, at short, did exceptionally well for a youngster and with the past year's experience behind him should be a valuable man in 1916. "Big Joe" Wilson, at first, lived up to his reputation that he was so tall they couldn't throw him over his head and played his usual steady consistant game, both at bat and in the field.

"Buck" Mountjoy, behind the bat, was always on the job and woe be unto the man trying to pilfer on his arm of steel. On the mound we had such men as Grotts, Huff and Golick. These men could always be depended upon to do their share. In the outer gardens, "Ed" Tate, the mouth harp king, Raible, and Skeen were always dangerous when at bat, and woe be unto the poor flip that got into their gardens. With all of these men back for the 1916 season and with Dennie again at the helm, we are looking forward to a very successful season.



"BILL" KAMP, '16
Captain-Elect



"BUCK" MOUNJOY, '16
Catcher



"KELLY" MILLER, '16
Captain



"ED" TATE, '17
Outfield



"FRED" GROTTTS, '16
Pitcher



"TOMMY" DAWSON, '18
Short



"DOC" RAIBLE, '17
Outfield



"TUBBY" SKEEN, '18
Outfield



"JODIE" WILSON, '17
First Base



"TONY" GOLICK, '18
Pitcher

“M’s” Awarded in Baseball, 1915

“Kelly” Miller, Capt.

“Bill” Kamp, Capt.-Elect.

“Buck” Mountjoy

“Jodie” Wilson

“Doc” Raible

“Robin” Tate

“Tubby” Skeen

“Daddy” Huff

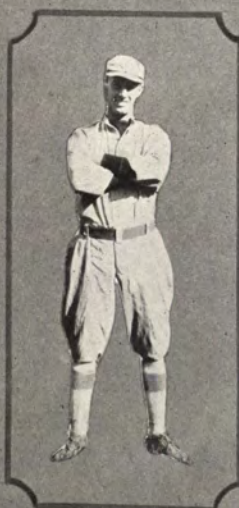
“Fred” Grotts

“Slats” Keeling

“Tommy” Dawson

BASEBALL SCHEDULE, 1916

April 15.	Concordia	.	.	.	.	.	.	.	.	Rolla
April 25.	Oklahoma A. & M.	.	.	.	.	.	.	.	.	Rolla
April 28.	Arkansas University	.	.	.	.	.	.	.	.	Fayetteville
April 29.	Arkansas University	.	.	.	.	.	.	.	.	Fayetteville
May 4.	C. B. C.	.	.	.	.	.	.	.	.	Rolla
May 5.	C. B. C.	.	.	.	.	.	.	.	.	Rolla
May 10.	C. B. C.	.	.	.	.	.	.	.	.	St. Louis
May 11.	C. B. C.	.	.	.	.	.	.	.	.	St. Louis
May 12.	McKendree College	.	.	.	.	.	.	.	.	Lebanon, Ill.
May 13.	Concordia	.	.	.	.	.	.	.	.	St. Louis
May 18.	Arkansas University	.	.	.	.	.	.	.	.	Rolla
May 19.	Arkansas University	.	.	.	.	.	.	.	.	Rolla



TRACK



Track Athletics, 1915

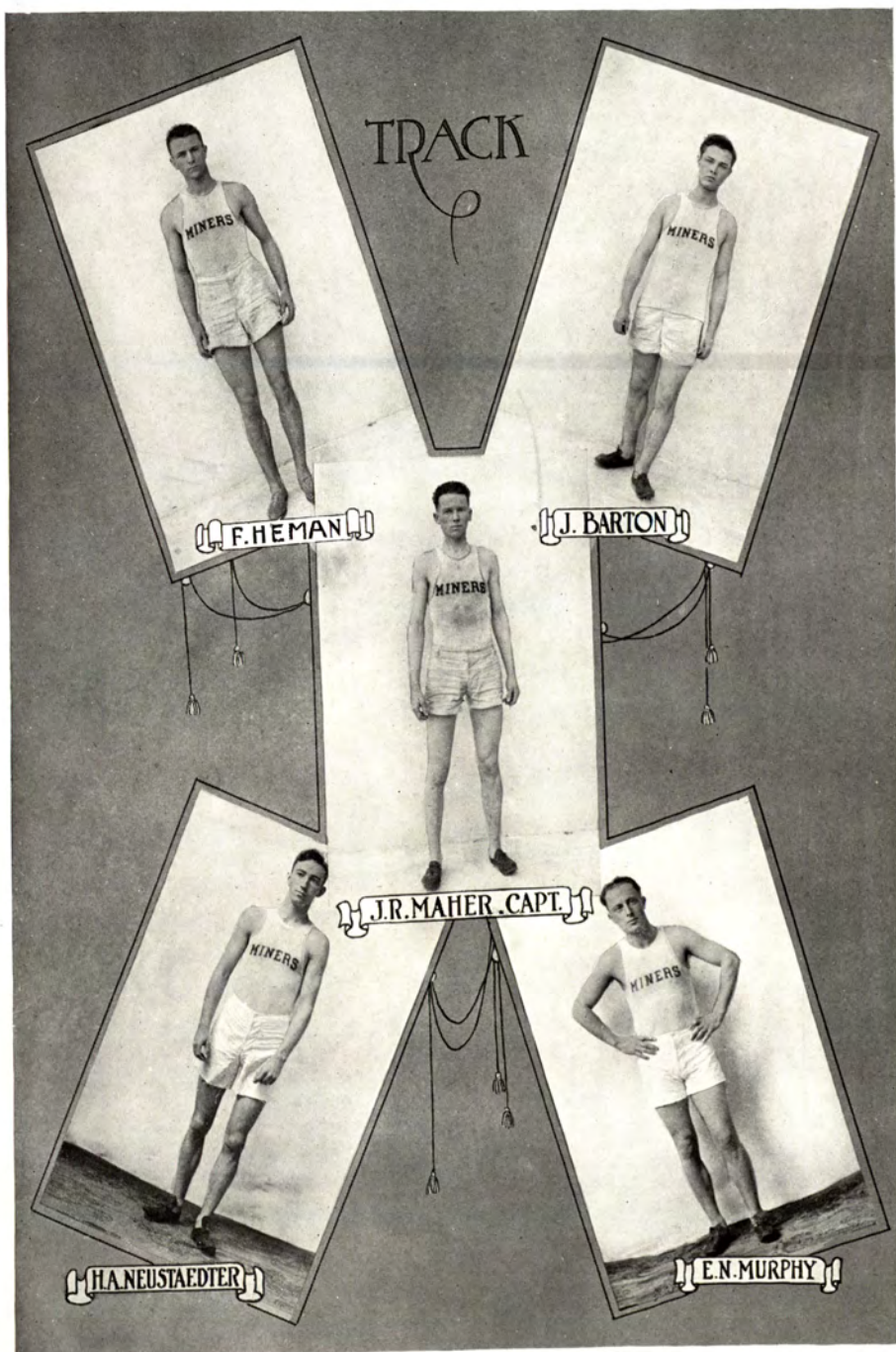
Due to the fact that only one meet was arranged in Track last spring, the interest lagged quite a bit, although the school possessed an abundance of material.

With the first call for candidates as soon as the weather permitted, about fifteen men reported, among them being Dover, the crack St. Louis sprinter and jumper. Faithful Maher and Barton were again on hand and trained diligently for the class meet which was a preliminary to the big meet with Drury and Springfield Normal. The class meet, held on Saturday, April 24, was won by the freshmen who cornered 45 points. The events proved very successful as it brought out such men as Dover, Maher, Peterson and Barton and they proved that they were to be feared by all schools in their respective events.

On May 12, the team journeyed to Springfield to take part in the Triangular meet and certainly did themselves proud by finishing second to Drury with only a few points keeping them out of first place.

Being the last meet of the season the team disbanded on their return home, and we are all looking forward to the 1916 season and feel confident that the men will clean everything before them. With a coach like Dennie at helm, and with men like Barton, Capt. Maher, Heman, Peterson and numerous others to pick from, there is no reason at all why M. S. M. should not have the best all around track team in the state.





“M’s” Awarded in Track, 1915

“Fritz” Heman, '16

“Fred” Dover, '18

“Noisy” Neustaedter, '16

“Joe” Barton, '17

“Little” Peterson, '16

M. S. M. TRACK RECORDS

	Record	Holder	Year Made
100 yard dash	:10 $\frac{1}{5}$	K. V. Moll, G. Cowman.....	1902
220 yard dash	.22 $\frac{2}{5}$	G. Cowman	1913
440 yard dash	:48 $\frac{2}{5}$	G. Cowman	1914
880 yard dash.....	2:04	G. H. Boyer	1906
1 mile run	4:40	G. H. Boyer	1906
120 yard hurdles.....	:16	M. S. Mazany	1909
220 yard hurdles	:25 $\frac{4}{5}$	M. S. Mazany	1909
16 lb. shot..... 41 ft. 9 in.		S. C. McComber	1908
Discuss	111 ft. 6 in.	E. P. Barrett	1908
High jump	5 ft. 7 in.	John Graves	1905
Broad jump	20 ft. 10 $\frac{1}{2}$ in.	C. W. Traugher.....	1909
Pole vault	11 ft.	S. C. McComber	1911
Five-mile cross country	30:40	E. D. Lynton	1908
Half-mile relay	1:37 $\frac{2}{5}$		1913

TRACK SCHEDULE 1916

May 6. Drury and Springfield Normal at Springfield.

May 20. Washington at Rolla.



ORGANIZATIONS

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Editorial

We have never written an editorial. When we first came to realize that the writing of an editorial was a necessary adjunct, that is, a reputed necessary adjunct, connected with the editing of a college annual, we were filled with consternation, nay, even dismay. We gave a mental groan and tried to unload the task on some of our willing brothers. I fear I have used the word "willing" unadvisedly—however—the net result was that we began an exhaustive study of the manufacture of an editorial. We delved, we probed and we plotted but no ideas came.

It is true that the average Editorial, even replete as it is with the use of the Editorial "We," is a smooth alluring sort of thing, that reads like reason and probably is reason. We must confess, however, that having read, yea, literally devoured, models of exceeding worth, we still tarried at that most important point, the beginning. However, boldly plucking our courage from its hole, and thoroughly limbering our elbows for the penning thereof, we embarked upon the task, the which, our maiden effort you now read.

Of course it is entirely possible to render this writing a dismal swamp of notices of appreciation, extensions of thanks to all of our various friends who have helped, and condolences for or invectives against those who have not, but this is not our purpose. We have other, graver matters with which to burden you. We wish to present this book as the best there has been in us, as the consummation of all that has been in you. We do not mean to repeat what others have said when we say that it represents you. Of course every editorial says that, but we sincerely mean it in its original sense and not in its hackneyed one.

We have worked hard and diligently on this book, and also, believe us, on this, our Editorial. We have struggled, we have squirmed, we have cajoled, but we have succeeded, and now let us take this opportunity to thank you for the able help you have given. We wish to thank you one and all, for your very loyal and sincere support of our picture shows. It is the very existence of these shows that helps make this book what it is, or makes it sell for what it does. We have also to extend to one and all our most sincere thanks and

appreciation for the very able support you have given us on our Lyceum Course and our Dances.

We take the liberty here, (We do not know if it is good form to do this in an Editorial or not, but we are going to do it anyway) of announcing that the Y. M. C. A. will have charge of the Lyceum Course next year, and wish to urge the entire support of the Student Body to that cause. The Y. M. C. A. is tender, it is weak, but it is vastly deserving, and we can but express the greatest approval of its good endeavors.

Personally, we wish to acknowledge our indebtedness to Messrs. B. W. Adams, J. S. Brown, P. H. Bohart, J. B. Cole, O. E. Stoner, H. S. Clark, J. J. Krebs, G. E. Ebmeyer, C. G. Stifel, G. Erskine, J. K. Walsh, A. T. Dunham, and all anonymous contributors for their class write-ups, poems, special articles and Green Cap and St. Pat's Days contributions. We also wish to extend our thanks to Mr. Kahlbaum for his most untiring services and patience in securing photographs for us of the various Buildings, members of the Teams and even of the dangerous freshman in his lair at the Fairgrounds.

We are also indebted to F. Heman, G. E. Ude, L. H. Goldman, R. Dale, H. A. Ambler, C. G. Stifel, P. B. Dolman, H. C. Halley, R. Haley, W. C. Zeuch, G. T. Jamison, J. R. Cox, B. L. Ashdown, P. H. Bohart, E. R. Householder, and F. A. Krause for supplying us with Kodak pictures, Cartoons and Lantern slides, and to Messrs. J. C. Miller, S. A. Beck, L. A. Turnbull, C. L. Epperson, J. S. Hoffman, R. R. Dickerson, S. Sherman, and C. O. Grimm for their most excellent help in our Picture Shows, Lyceum Shows, Theatricals, Dances and all other activities undertaken by us.







The Missouri Mining Association

OFFICERS

L. W. EHLERS	President
J. G. REILLY	Vice-President
W. A. SHAW	Secretary
H. A. KLUGE	Treasurer

The objects of the Association are: to advance the knowledge of mining among its members, to promote good fellowship among the students and the faculty of the Missouri School of Mines, and to bring the Missouri School of Mines into closer contact with the mining profession at large.

While the eligibility for membership is the having of eighty-five hours of credit, an amendment has been added to the constitution allowing any one with practical experience to join. This will no doubt bring our membership up to above fifty. Availing themselves of our affiliation with the American Institute of Mining Engineers, nearly a dozen of our members have become Junior members of this organization.

In order that the members might do justice to other organizations, the Association has sacrificed a number of meetings and addresses. Notwithstanding, a number of addresses were given during the year and each was followed by a smoker. Among the splendid talks were:

"Ore Dressing and Flotation in S. E. Missouri"L. A. Delano, '03.
"Mining Experiences in Sweden"W. D. Beeghley.
"The Manufacture of Portland Cement".....D. H. Rice.
"Personal Experiences in Alaska"Prof. G. H. Cox.
"Experiences in Cuba"Prof. C. R. Forbes.
"Magnetic Prospecting in Northern Iron Ranges".....W. L. Dobie.

Although more than half of the school year is gone, we hope to have a few more meetings and addresses. It is the aim of the Association, if possible, to have "Chief" Buehler and "Cope" Copeland together for addresses before the year closes. A word of thanks may not be amiss. It was only through the strong support of the Faculty and the students that the Association was successful, and the officers of the Association are sorry that they could not give you more.



Missouri Miner

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J. J. KREBS	Senior Class
C. W. HIPPARD	Junior Class
C. E. BARDSLEY	Sophomore Class
W. CROW	Freshman Class

MINER HISTORY

The spring of 1915 gave birth to a student publication known as "The Missouri Miner." It had long been the earnest desire of the Student Body to voice their opinions and activities in such a manner, but it was through the efforts of Fred Grotts and his able assistants, G. E. Johnson and J. L. Head that their hopes were realized.

The first Miner was an humble offering, small in size and limited in circulation, but with the hearty impetus of the first board and the co-operation of both Faculty and student, the enterprise proved a success, and the new year of 1916 beholds a real paper, interesting to all and truly representative of student life.

A good deal of the credit for this step of progress must be given to B. L. Ashdown, L. A. Turnbull, and H. E. Koch. It was through their efforts that a publication was produced which is eagerly supported by all the students and a large percentage of the Alumni. They have been supported by Assistants and a "Sport Editor," whose equal for work has not been found. Under the direction of the present circulation Manager and his assistant, the miner has increased to such an extent that furthestmost Africa and Alaska are following affairs at M. S. M., with pleasure. The editorials and contributions of the Assistant Editor, especially the "Talks by a Freshman's Roommate," have awakened a keen interest among the readers.

However, without the co-operation of all the classes, as represented by the class reporters, the successful year would have been less brilliant. They have gathered the locals and various items of interest and helped immensely toward making the Miner appeal particularly to each man.

Next year it is the sincere aim and hope to make the Miner larger in size and with the present interest of the Faculty as shown by Director McRae, this ideal will be realized. Then will it really portray all of student life, then will it truly be a just reflection of the greatest Mining School in the Country, then will the Missouri Miner rival or exceed many of its exchanges which hail from Universities of far greater attendance.

Tau Beta Pi

Beta of Missouri

Installed December, 1906

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C. M. Woodward	H. T. Buehler
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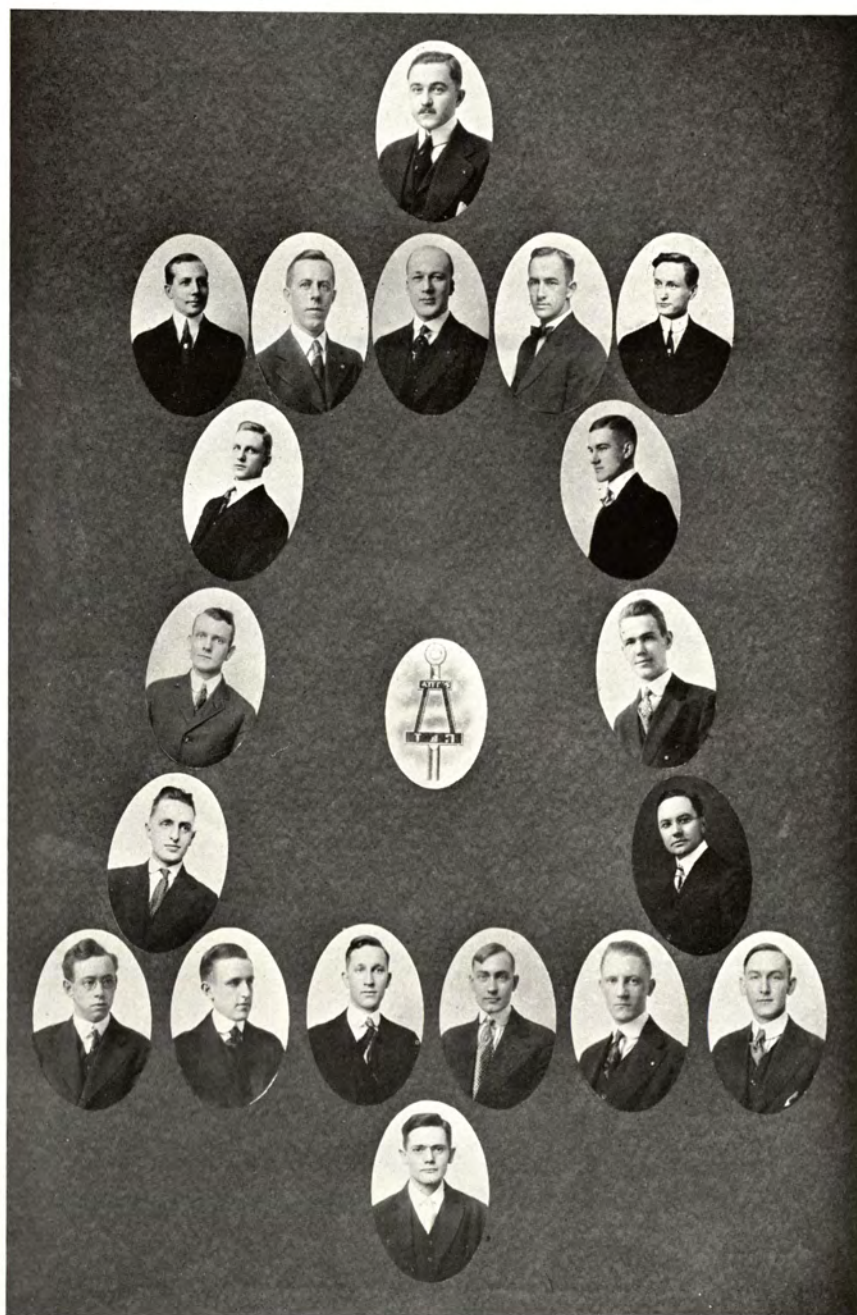
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E. L. Sailer	E. C. Burkhart
J. J. Shipley	C. W. Hippard



Quo Vadis

A. NO. 1. JUNGLE

MOTTO: "Please Mum"

FLOWER: Dog Kennel

COLORS: Black and Blue

Boes in Burg
"Boots" Clayton

Boes in Faculty
"Joe" Cole

Boes in Joint

"Red" Maher
"Mac" McCartney
"Kelley" Miller
"Doc" Raible
"Pretty" Grotts

"Jimmie" Allen
"Deacon" Ashdown
"D. T." Turnbull
"Pete" Peterson
"Wild Cat" Imlay

"Brandy" Brandenburger

Bums En Route

"Kubby" Kublin

"Whiskers" Elfred

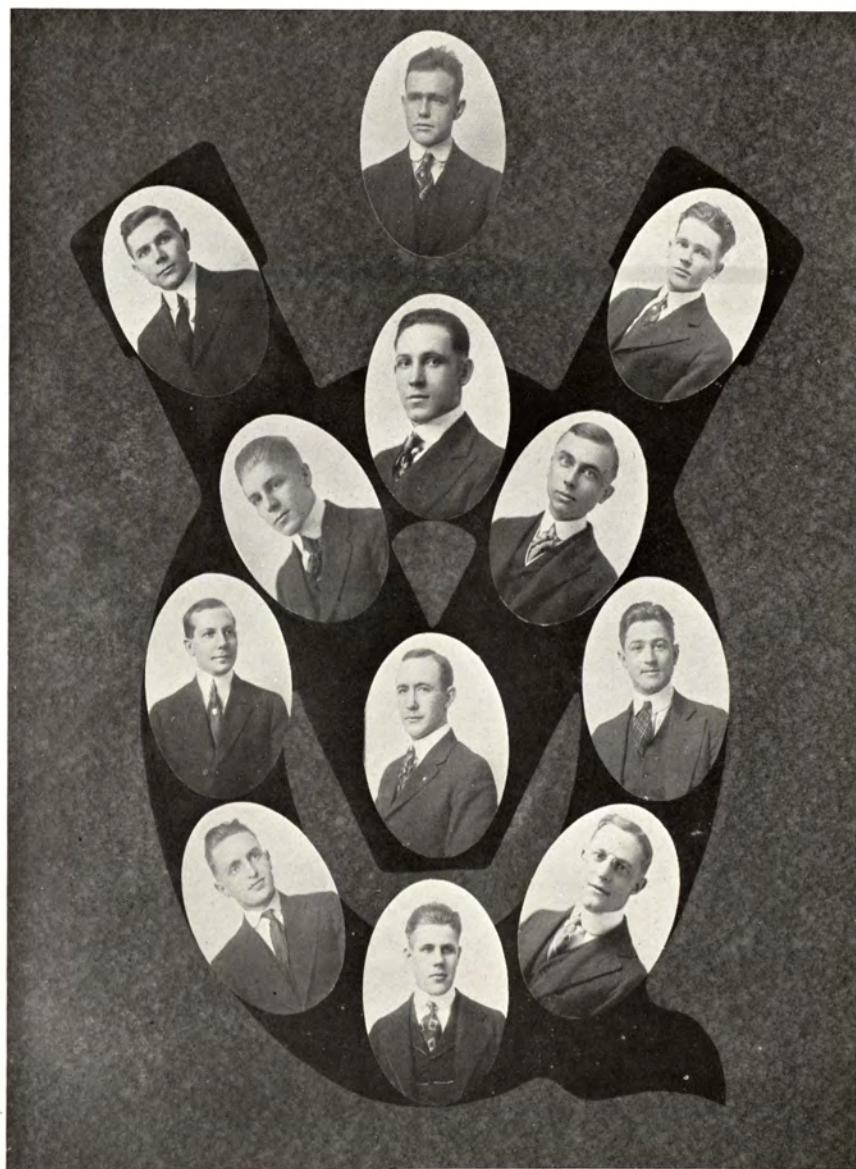
Comin' Bums

"Pat" Reilly

"Mike" Ehlers

"Pat" Murphy





Pipe and Bowl

OBJECT:

"To promote good fellowship among the students of the Missouri School of Mines, and to further the interests of the School."

MEMBERS

James A. Worley, Jr.

John J. Doyle

Carl G. Stifle

Gunnard E. Johnson

William H. Kamp

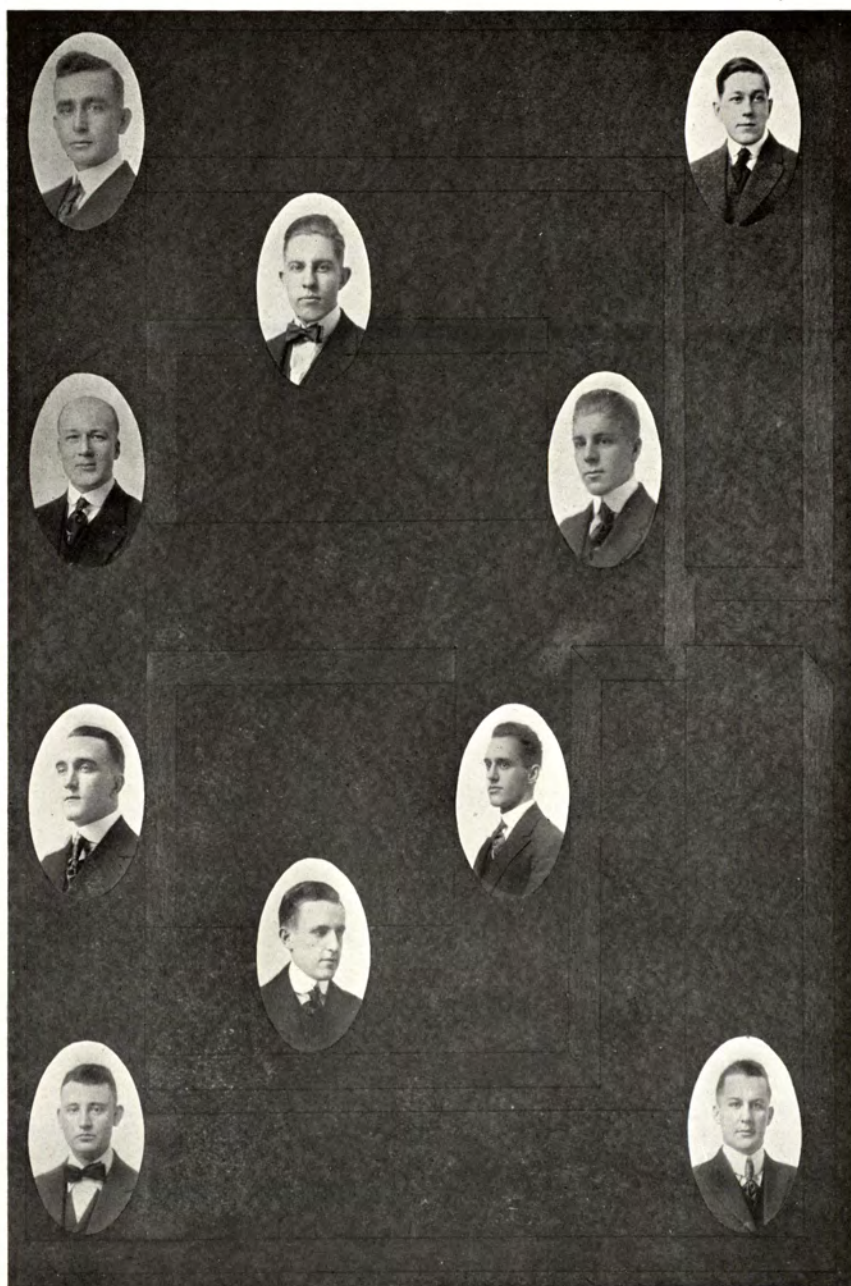
Joseph C. Raible

Joseph G. Wilson

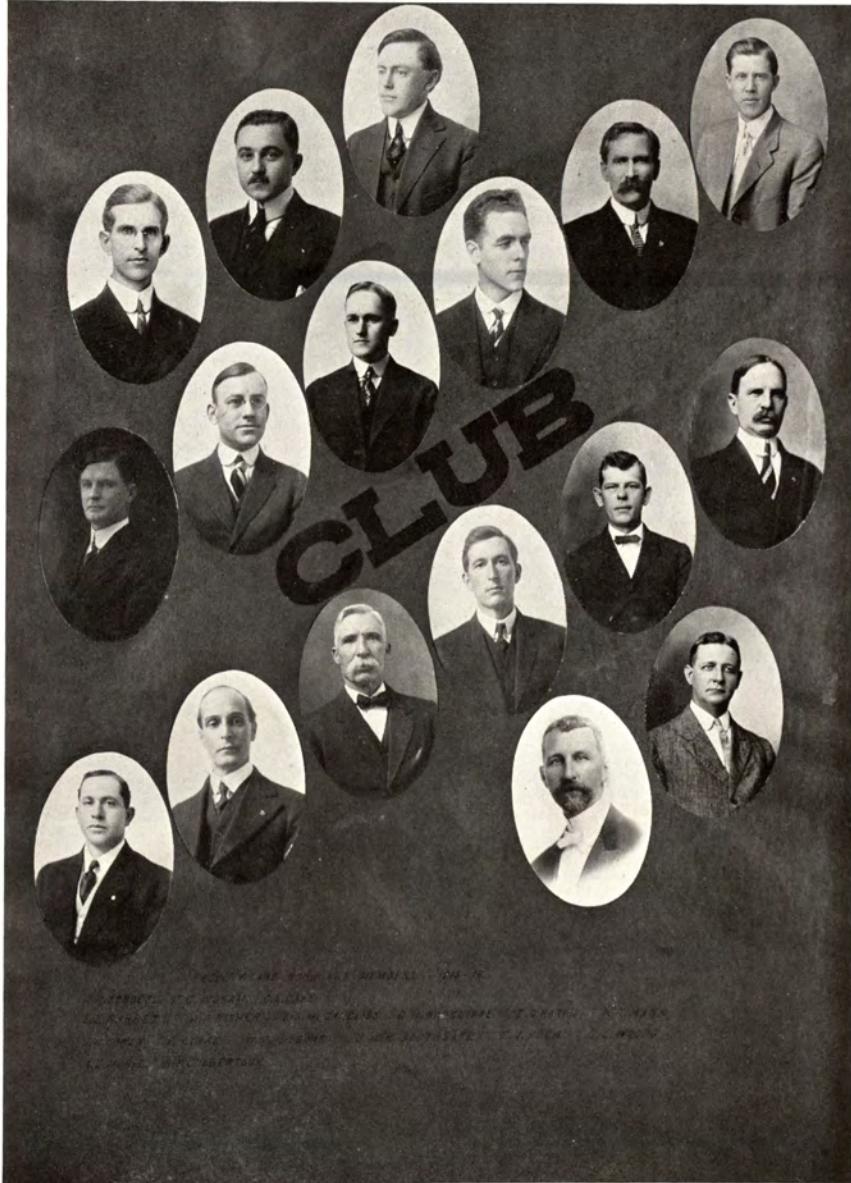
Frank H. Geib

John M. Morris

John J. Shipley







Satyrs

HONORARY SOPHOMORE ORGANIZATION

Organized October, 1913

ACTIVE MEMBERS

J. W. Pugh
E. Murphy
T. L. Dawson
O. E. Stoner
J. L. Imlay
T. F. Golick



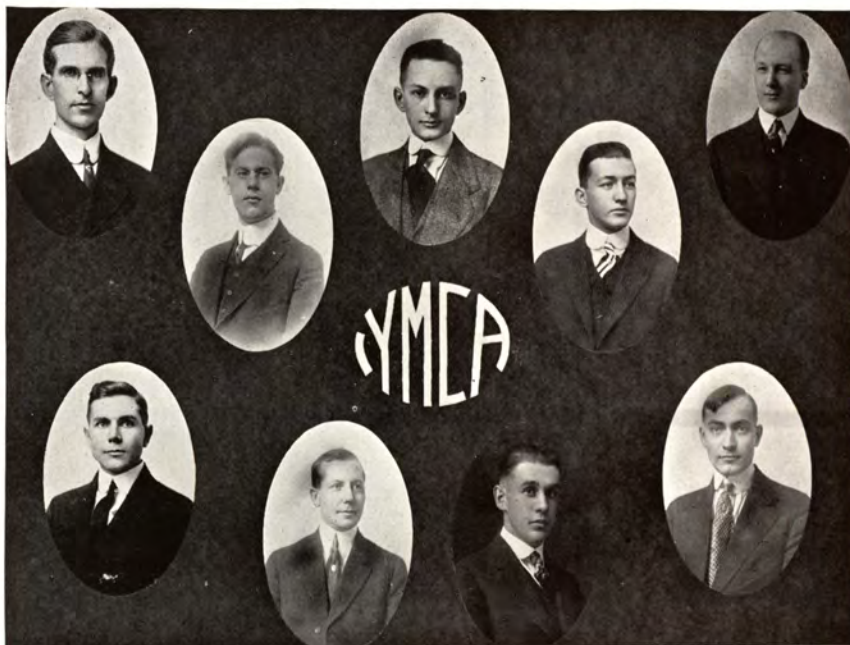
H. S. Clark
W. H. Geib
W. H. Reber
H. W. Doennecke
L. C. Skeen
W. H. Askew
(In Memoriam)

IN THE SCHOOL

J. A. Worley
Jno. Schuman
Fred Grotts
J. L. Head
L. W. Ehlers

W. H. McCartney
E. A. Miller
J. G. Wilson
J. G. Reilly
H. A. Kluge

J. C. Raible



Young Men's Christian Association

H. J. SCHIERMEYER	President
G. E. EBMAYER	Vice-President
THEODORE C. GERBER	Secretary-Treasurer

Professor C. R. Forbes
G. E. Johnson
Clemence W. Hippard

Fred Grotts
J. L. Head
Byron L. Ashdown

The Y. M. C. A. this year has proved its ability to "come back" and from the number of Cabinet men who will be at school again next year, it should be back to stay.

The hand-book which was distributed at the beginning of school, proved quite a welcome surprise to the students, and was the start of an active year for the Association. All new men were met at the trains, rooms located for them, and their wants taken care of until they felt thoroughly at home. Then came the big smoker in the third week of school, which gave every fellow a chance to know every other fellow in school, and the way the new and old men "mixed" was proof enough of the success of the affair. A lecture course was outlined and speakers were brought down from St. Louis during the year, to lecture on important topics of the day.

The Lyceum course is again in the hands of the Y. M. C. A., having been returned by the Rollamo Board in fulfillment of an agreement between that body and the Young Men's Christian Association. With this to help the finances of the Association, next year should be by far the biggest year for the Y.M.C.A. in the history of the school.

Theta Tau



Iota Chapter

Installed, December 30, 1915

FACULTY

Robert John Anderson

AFFILIATED FROM DELTA

E. Ross Housholder

CHARTER MEMBERS

James L. Head

Carl G. Stifel

Gunnard E. Johnson

James A. Worley, Jr.

Louis W. Ehlers

Frank H. Geib

Robert S. Burg

James J. Dowd

Fred Grotts

Wm. H. McCartney

SENIORS

James L. Head

James A. Worley, Jr.

Gunnard E. Johnson

James J. Dowd

Colwell A. Pierce

Wm. H. McCartney

Carl G. Stifel

Louis W. Ehlers

Fred Grotts

Robert S. Burg

Bernard W. Adams

Louis A. Turnbull

JUNIORS

John G. Reilly

Martin F. Bowles

Harry A. Ambler

Joseph Barton

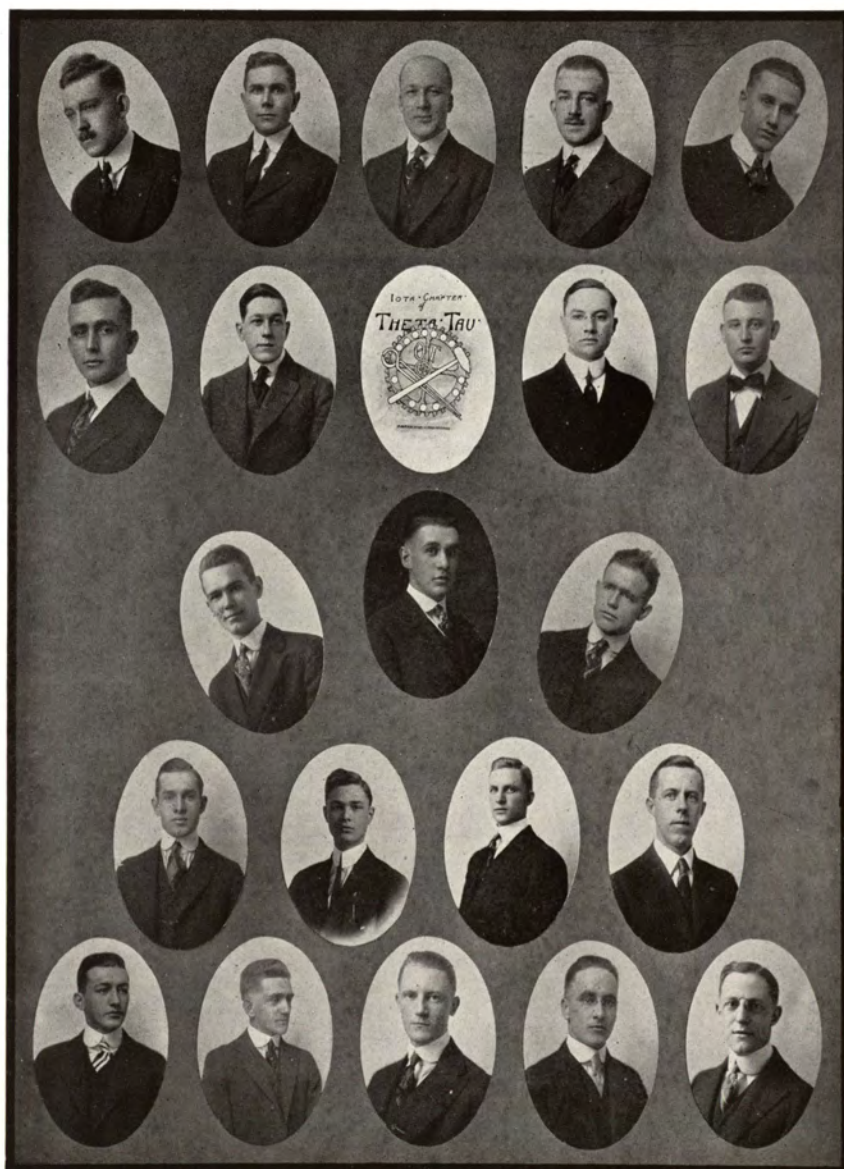
Theodore C. Gerber

SOPHOMORES

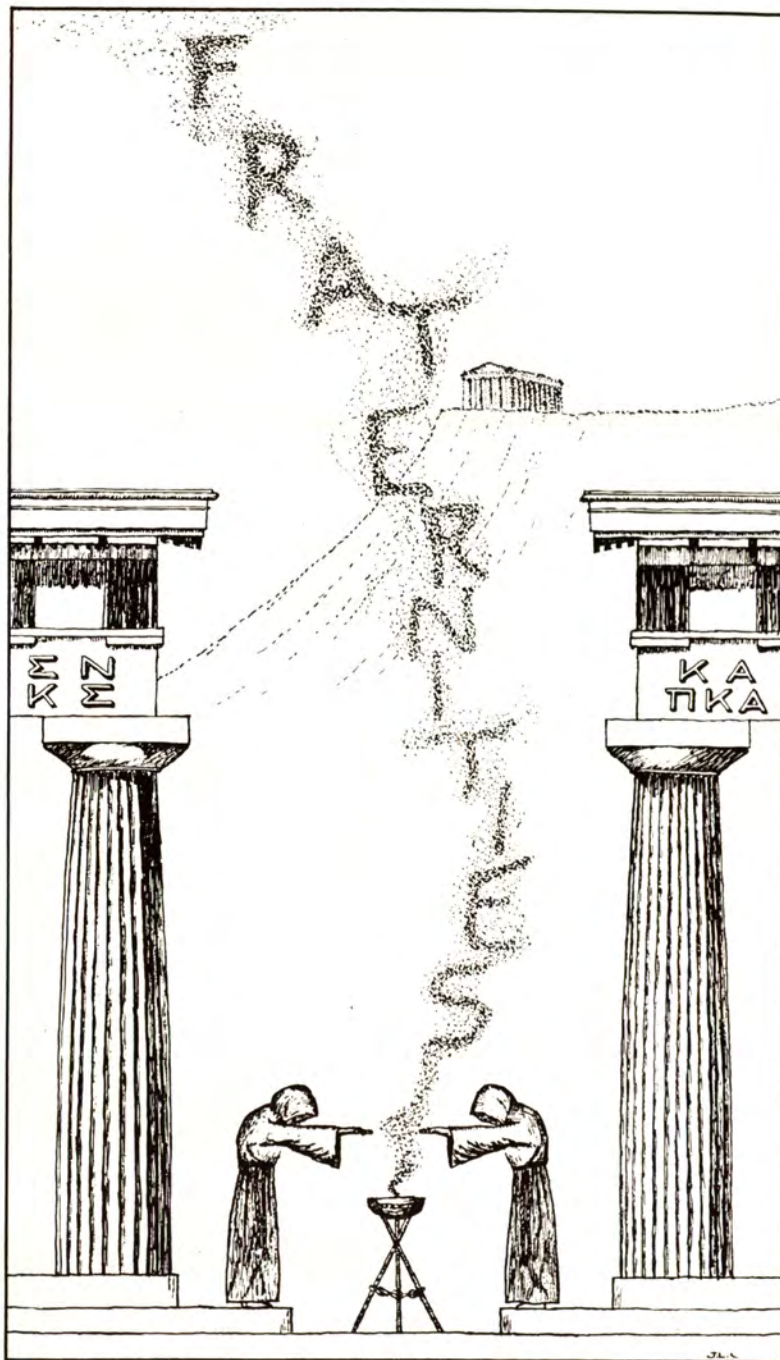
E. Ross Housholder

Harold T. Herivel

Frank H. Geib







Sigma Nu

Gamma Xi Chapter

Established January 23, 1903

FRATER IN URBE

C. C. Bland

Don S. Southgate

FRATER IN FACULTATE

Joseph Wayne Barley

FRATER IN UNIVERSITATE

SENIORS

W. H. Kamp

W. W. Kiskaddon

J. L. Head

R. J. Johnson

E. A. Kayser

JUNIORS

R. T. Crawford

W. C. Powell

J. G. Wilson

S. S. Leanard

H. A. Ambler

F. E. Weimer

SOPHOMORES

W. H. Askew

J. L. Cox

G. M. Morris

T. F. Golick

J. L. Imlay

FRESHMEN

H. G. Kamp

J. S. Webb

C. T. Morris

A. H. Bates

F. V. Moore



Kappa Alpha

Beta Alpha Chapter

(Installed April 27, 1903)

FRATER IN URBE

Charles L. Woods

FRATER IN FACULTATE

Charles Yancey Clayton

FRATRES IN UNIVERSITATE

Earl G. Deutman

William Henry McCartney

Clarence Edward Peterson

Fred Richard Heman

John Gay Reilly

James Henry Bock

Edwin See Tompkins

Lyle Maxon Barker

Carl Elden Peterson

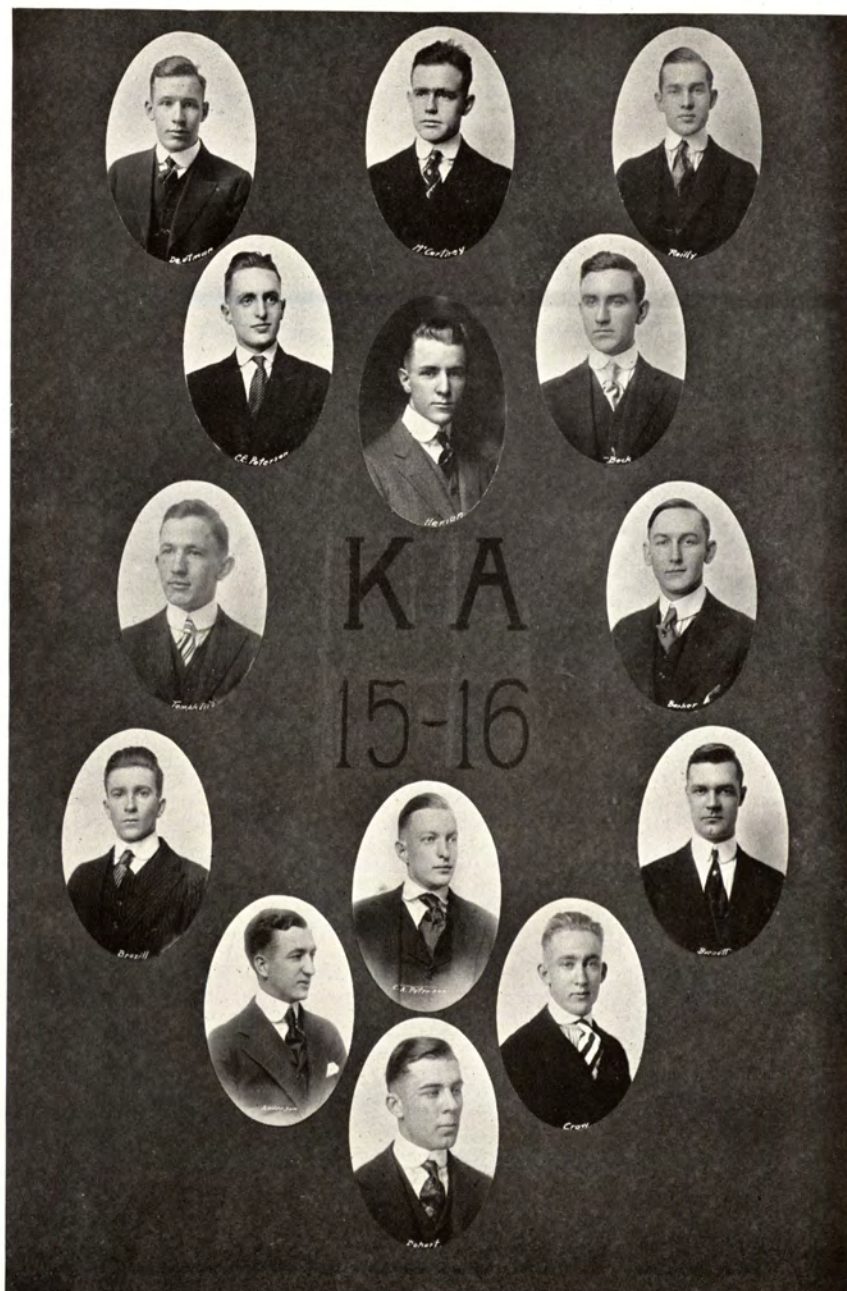
Sidney Lorenzo Anderson

Philip Harry Bohart

George Burnet

Patrick Michael Brazill

Wayman Crow



Kappa Sigma

Beta Chi Chapter

(Installed December 19, 1903)

FRATRES IN UNIVERSITATE

SENIORS

Gunnard E. Johnson

Carl G. Stifel

Don Hawk Morgan

JUNIORS

Martin Frady Bowles

John Joshua Shipley

Joseph Christopher Raible, Jr.

Wood Steele Erskine

SOPHOMORES

Harold Tourtel Herivel

Homer M. Doran

William H. Reber

Thomas L. Dawson

Fayette Lee Dover

Vearle Weiss Balderson

Lawrence Joseph Zoller

FRESHMEN

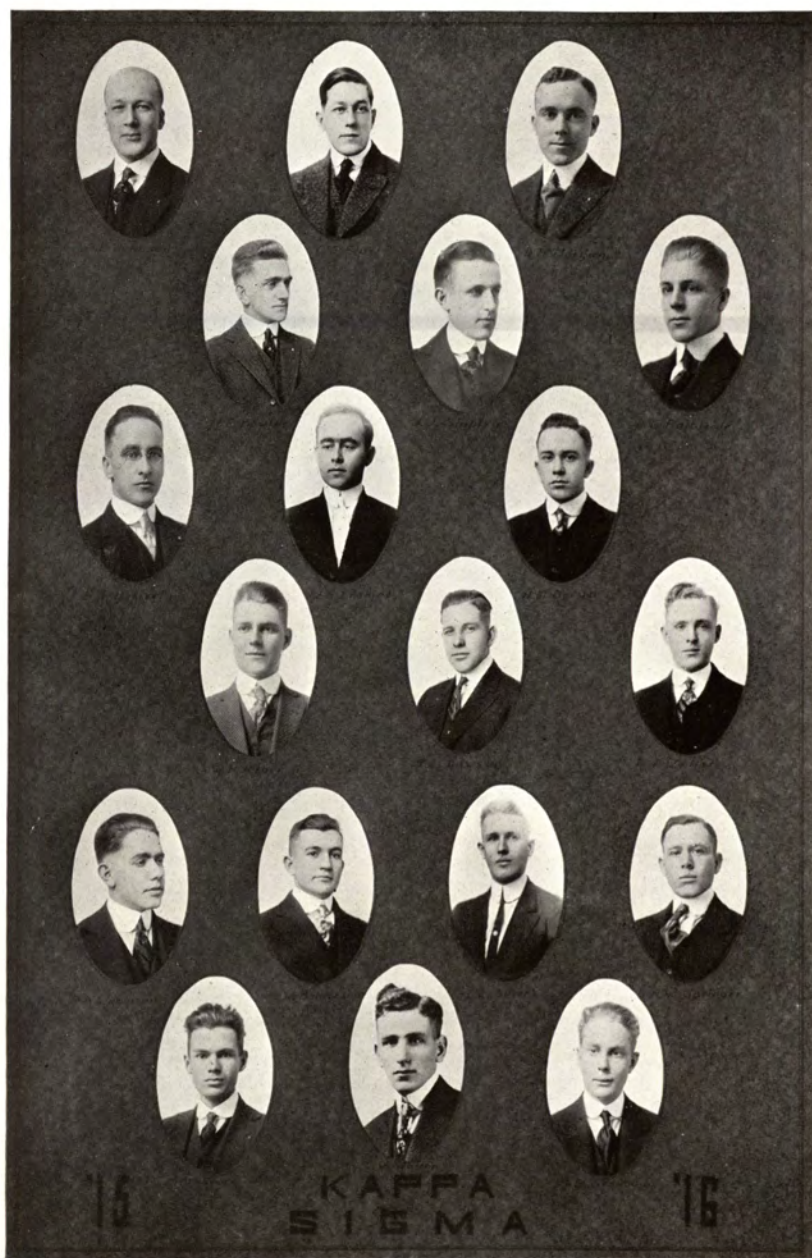
Harold F. Shore

Robert Wilson Springer

Paul Delassus Wilkinson

Horace D. Scruby, Jr.

George Worth Walton



Πi Kappa Alpha

Alpha Kappa Chapter

Installed December 2, 1905

FRATRES IN FACULTATE

Horace Tharp Mann

Donald Hewson Radcliffe

Neil Charles Hutsinpillar

FRATRES IN UNIVERSITATE

1916

Robert Stanley Burg

1917

Phillip Bassett Shotwell

1918

Harry Gilbert Corby

Victor Hugo Doeling

Howell Smith Clark

Mark Loren Terry

James Willard Pugh

John Ray Fiedler

Harold Ewing Spickard

Edwin Lawrence Miller

1919

Robert Marston

James Crane Hill

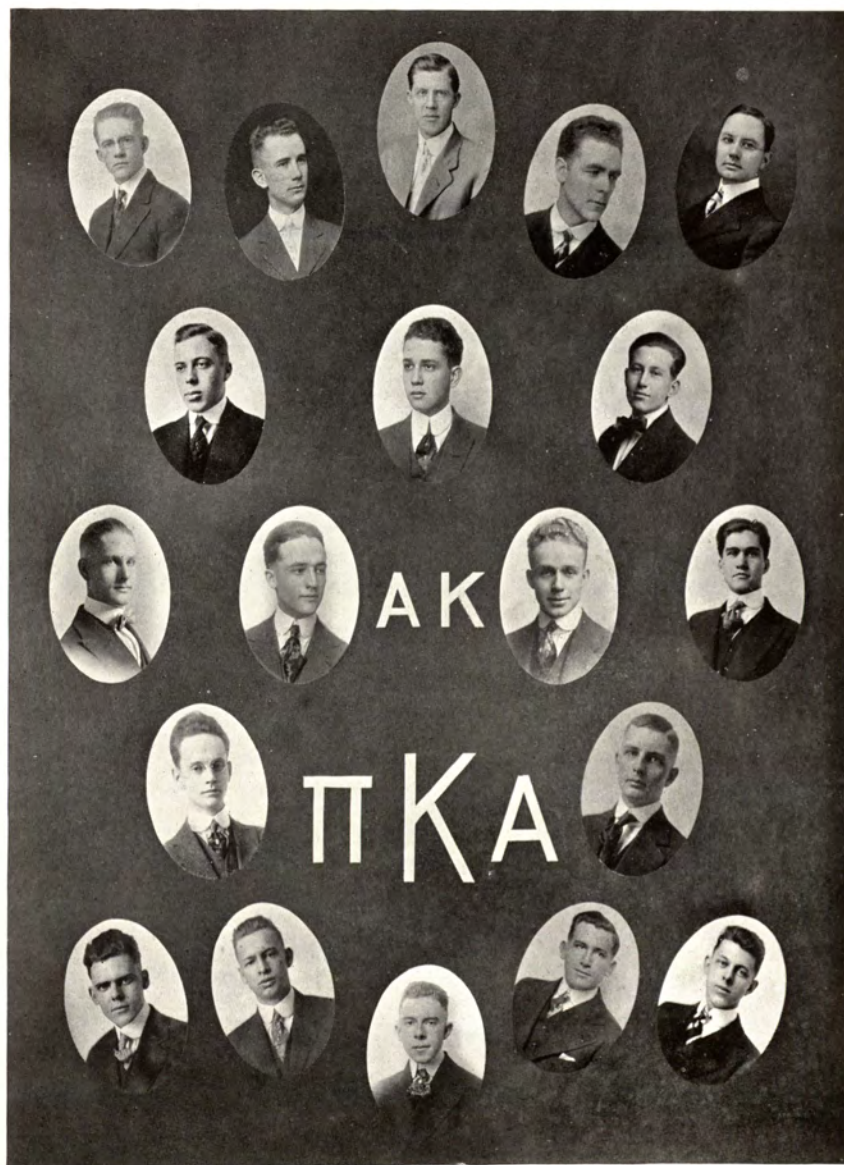
Carl William Scothorn

Napoleon Bonaparte Larsh

PLEDGES

James Pressly Gill

P. Grant Forman







EATING CLUBS

Grubstakers

E. L. Beyer

J. E. Papin

B. L. Ashdown

F. B. Ore

E. B. Weiberg

R. G. Stroup

W. A. Shaw

G. T. Jamison

H. E. Koch

T. P. McCague

H. A. Lask

K. C. Wilson

T. W. Leach

E. A. Miller

R. E. Haley

J. B. Cole

L. N. Hoppock

C. A. Pierce

F. Grotts

Y. Klepel

O. G. Gotsch, Jr.

G. Erskine

J. R. Grenshaw

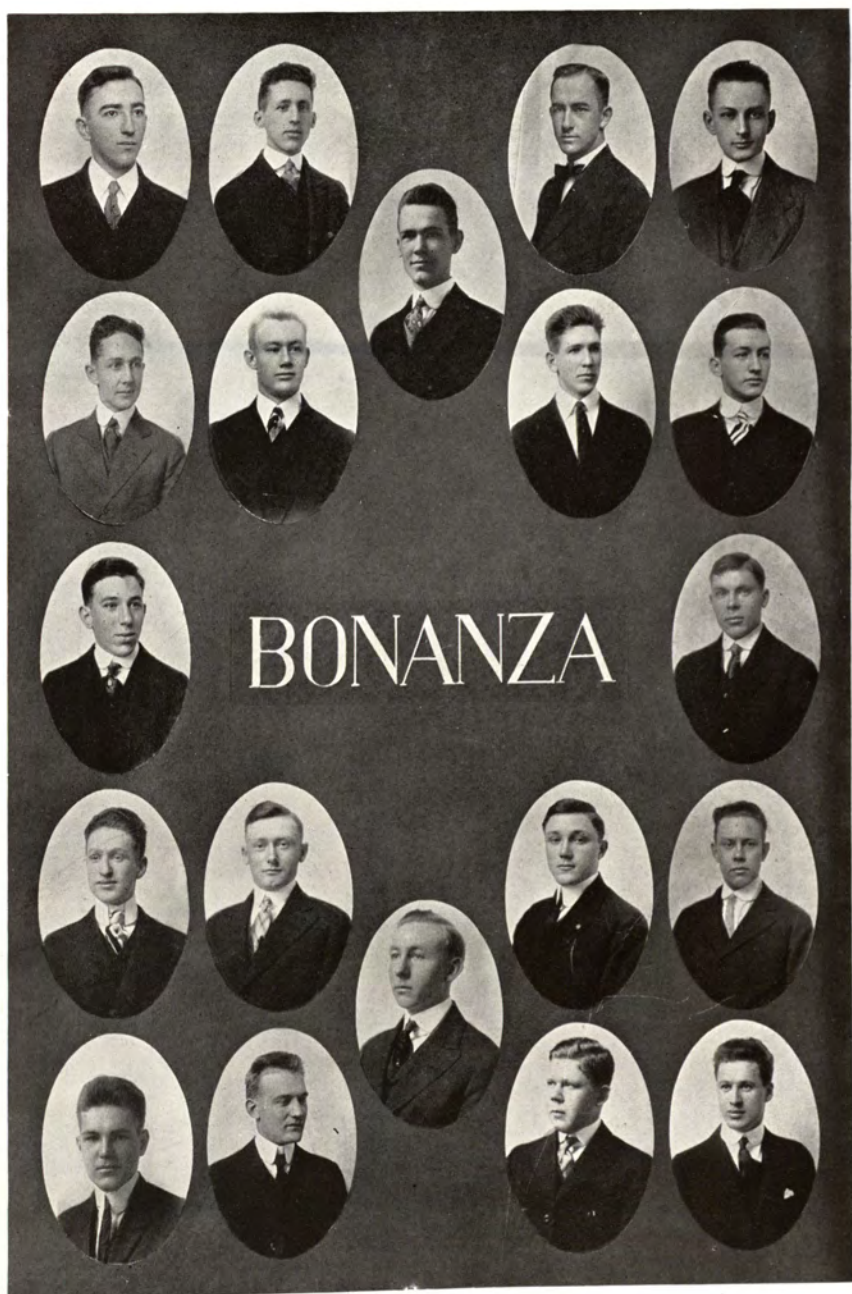
N. E. Ritter

W. C. Zeuch



Bonanza Club

H. A. Neustaedter	H. Doennecke
C. B. Gold	L. H. Goldman
E. J. McNely	H. Valentine
H. J. Schiermeyer	C. Etem
J. J. Dowd (President)	L. J. Maher
C. Hally	H. F. Allison
H. O. Strawn (Steward)	R. J. Dowd
J. R. Nevin (Treasurer)	N. F. Henson
T. C. Gerber	W. F. Lottman
J. Flanders	W. C. Duerning
O. N. Maness	



Corsairs Club

J. J. Allen (President)	L. A. Turnbull
B. W. Adams	J. T. Hodges
C. E. Bardsley	J. J. Krebs
C. C. Wilson	N. M. Lawrence
A. C. Williams	H. P. Lawrence
J. S. Brown (Steward)	J. C. Miller
W. R. Cox	J. T. Young (Atheltic Director)
R. C. Henschel	R. O. Schriver
G. Miller	H. J. Teas
C. L. Epperson (Treasurer)	Edgar Ude
J. S. Hoffman (Vice-President)	Herman Vogel
S. A. Beck	



Muckers

E. C. Burkhart

Robt. P. Lyons

C. W. Hippard

K. Aid

R. L. Bennett

R. Cooper

H. A. Kluge

R. Dale

L. C. Skeen

J. T. Fleming

R. Murphy

W. O. Brandenburger

F. G. Quiroga

P. Kern

R. Smart

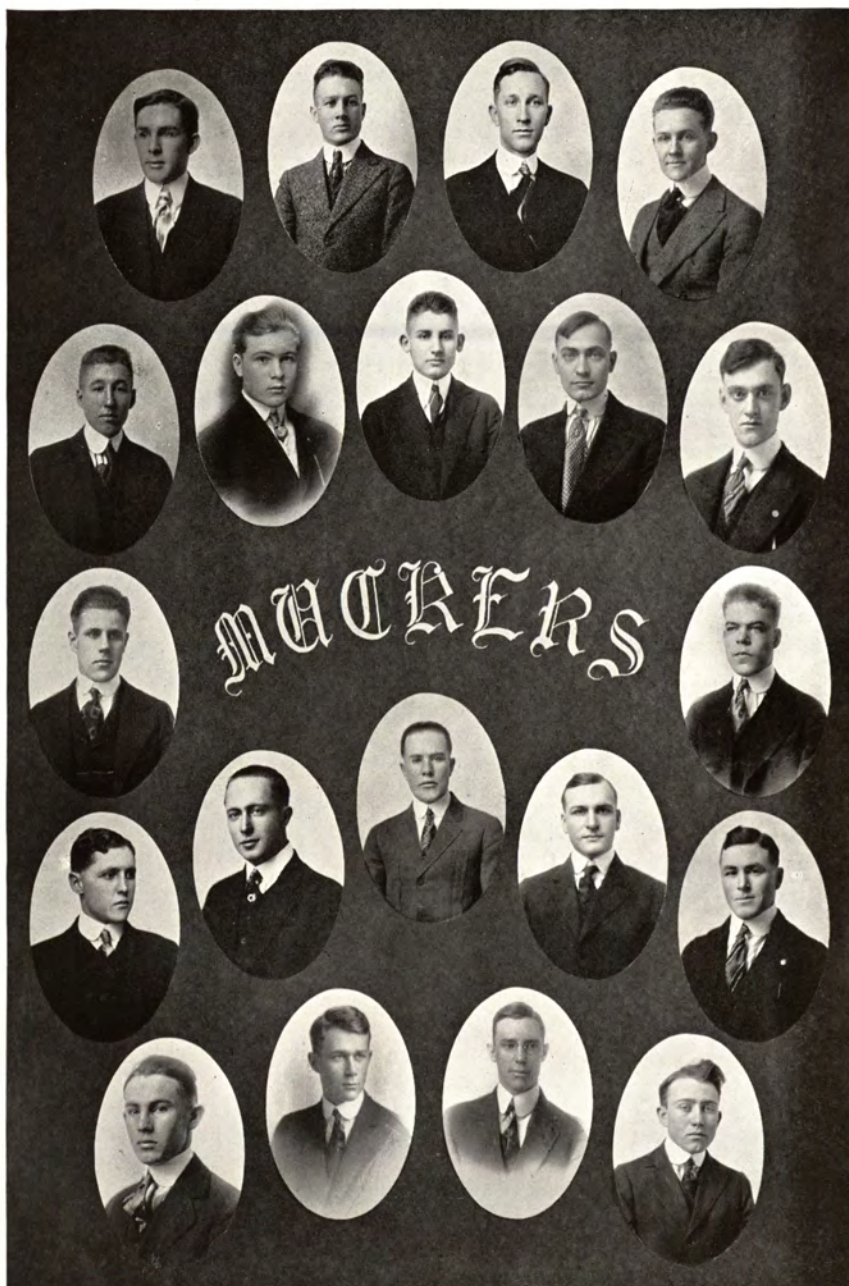
A. Eulich

R. Bruce

D. Pray

H. Harris

H. Aid



Prospectors

J. Casanovas	E. Linn
T. P. F. Walsh	M. L. Cepeda
R. Chavez	L. Stokes
G. Ebmeyer (President)	M. Shonfeld
R. Massey	N. Packman
C. E. Heinz	O. Goldsmith
M. McCarthy	L. B. Benton
J. K. Walsh	E. A. Ashlock
T. Deckmeyer	F. Willis
R. Alfend	



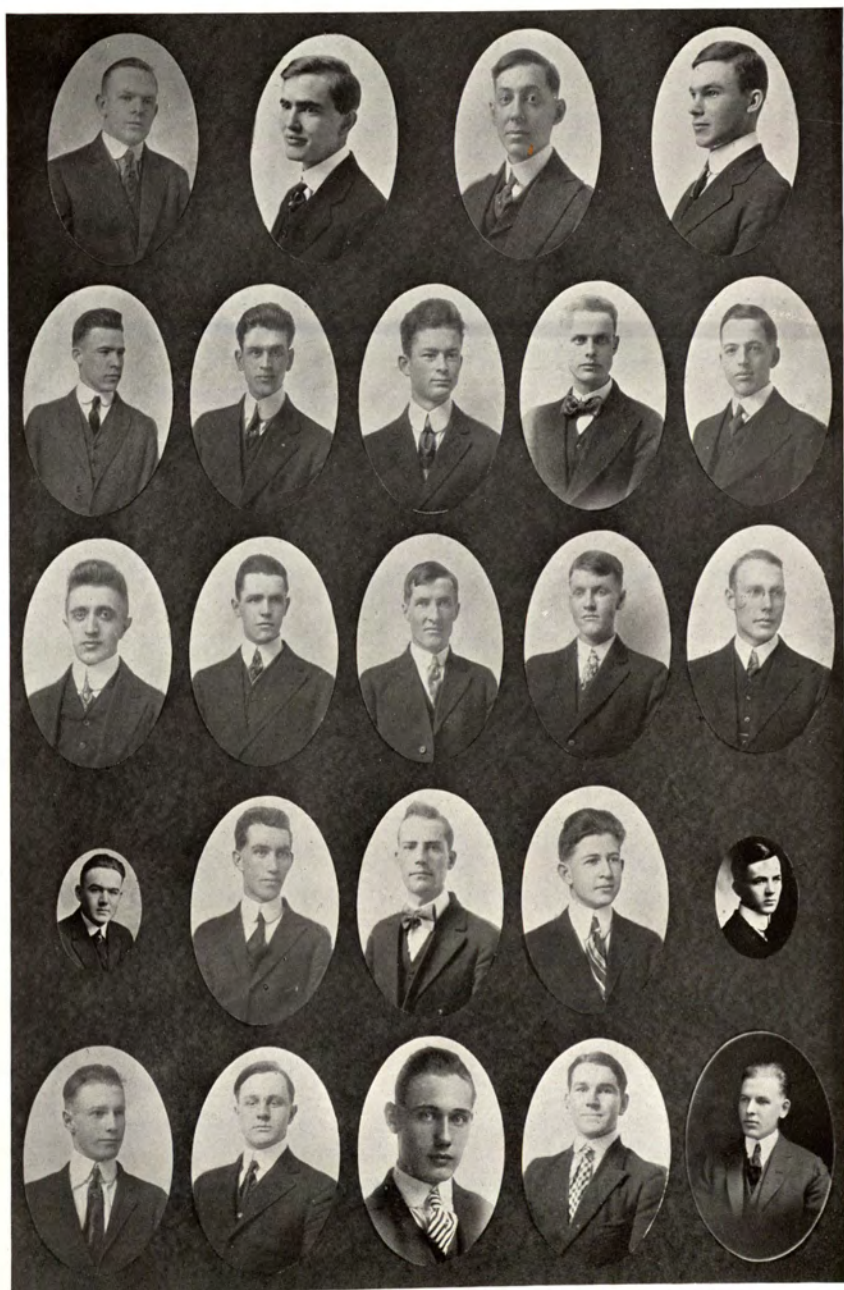
Beanery

A. C. Rucker	E. H. Weiser
Robert J. Anderson	H. A. Horner
F. H. Geib	E. S. Rodenbaugh
E. Ross Housholder	V. Smiley
L. W. Ehlers	S. S. Leonard
P. L. Cable	H. L. Wheeler
J. A. Worley, Jr.	R. E. Rhoades
J. J. Doyle	



Independants

J. Schuman	E. D. Wilson
R. Dean	E. O. Stoner
L. Erskine	O. N. Mannes
H. D. Kline	C. M. Schnaidt
A. T. Dunham	E. E. Decker
H. Heimberger	W. Scott
C. Heimberger	G. W. Pryor
E. A. Jones	W. E. Jones
V. X. Smith	G. W. Goodwin
L. Caplan	F. A. Krause
F. R. Shayes	W. E. Oyler
G. B. Wilson	W. Nolte



CO-ED



Olive Scott

1



Dixie Harris

1



Eleanor McRae

5



Zoe Harris

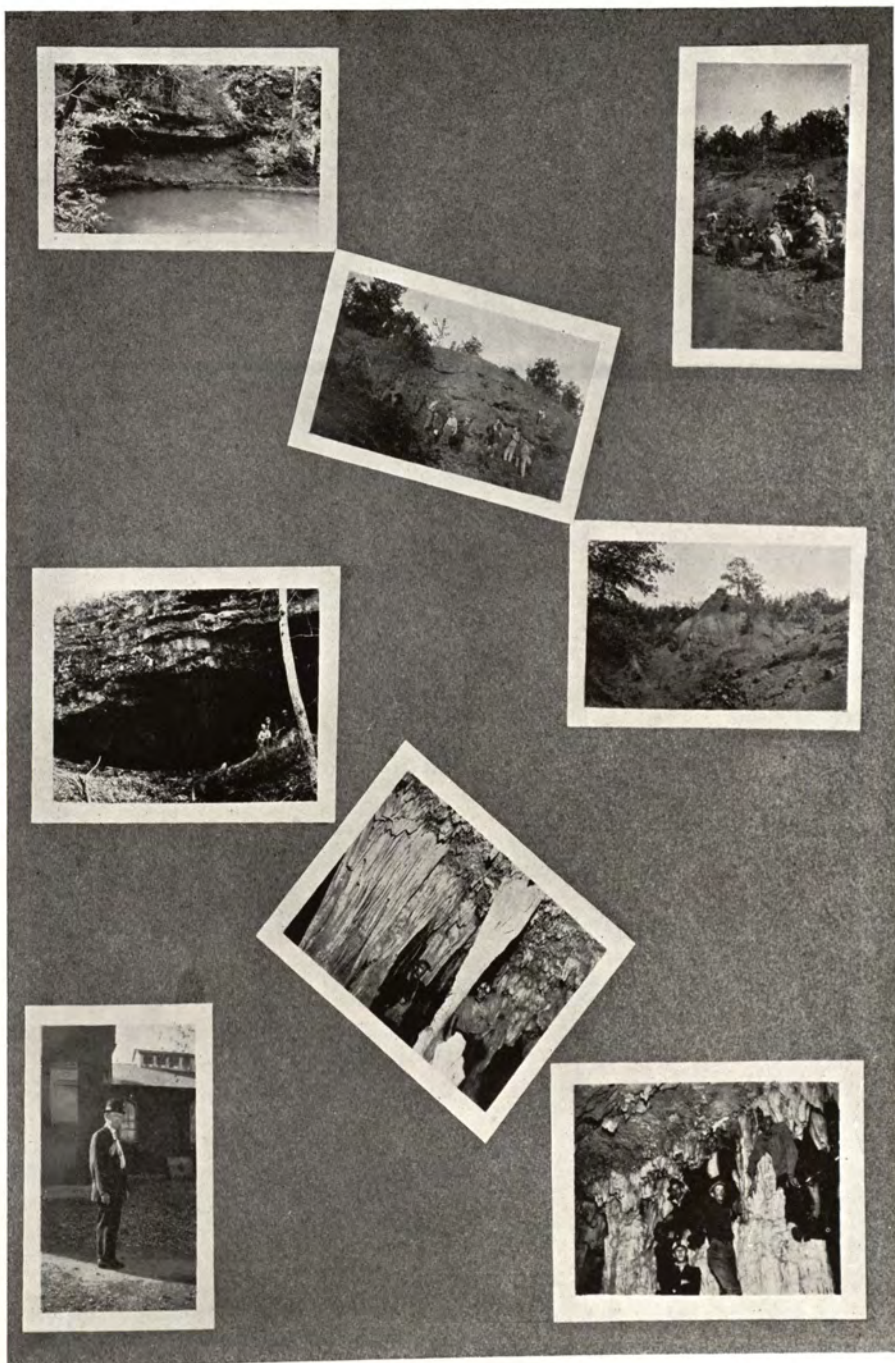
6



Bertha Dent



Roxie Kennedy



SENIOR TRIP

Senior Trip

A motley looking bunch it was that gathered in front of the Hammond Hotel in Flat River on the morning of May 13, 1915, at 8:00 A. M., to start on the inspection trip through the mills and power plants of that district. After close observance it was found to be the Seniors of the Missouri School of Mines and they certainly looked the part "as Miners."

The day was spent in going through the Federal Mill and after the day was over and Prof. Mann was through pointing out "things of interest," anyone would have sworn that inspecting under him was "some job." That night quite a number formed an inspecting party of their own and during the evening listened with interest to Weisbach's tale about when he had \$7,000 all in twenty dollar gold pieces.

Friday morning we visited the Desloge Mill and found every machine known to mining practice in use. This troubled "Pete" Trent a great deal and a special committee had to be sent after him to persuade him to accompany the bunch back to the hotel. He thought it was too extravagant, but was quieted down. That afternoon the bunch went underground and made such suggestions as were necessary.

Saturday the bunch was called at 5:30 A. M. to get more feed, before taking the train to Herculaneum, which found the professors, Dr. McRae, and Profs. Mann and Clayton the first ones on hand to enjoy the meal which they must have done better than usual, owing to the lack of the warmed air that had always accompanied the meals before. Arriving in Herculaneum, we spent the day in going through and drawing plans of part of the lead smelter. This was of especial interest as at that place they have the largest installation of Dwight-Lloyd roasters in the country. We arrived in St. Louis at 7:00 P. M. that evening and prepared to take a much needed rest for every one thought that if the next week was to be as hard work as the past three days had been, a lot more "pep" would be needed.

Monday the Edgar Zinc Smelter and Anheuser-Busch organic plant was visited and reported favorably as to quality and taste, especially the organic plant. The rest of the week was spent in visiting many places such as the Laclede Gas Coke plant, Scullin Gallagher Iron Works, Union Light and Power Co., Laclede-Christy Clay Products Works, and one day was spent at the Federal Lead Smelter at Alton, Ill. The week passed very quickly barring the time we had to wait for Griffin to attend to the Bell Telephone and Mail service part of his daily menu, but when we would get out of range of the mail boxes everything would go smoothly until next day.

The trip closed on Friday, the 21st day of May, and every one was glad to be back in Rolla again for the Commencement week.

E. A. J.

The Junior Trip

At the close of the school year, most of the Junior class decided to substitute "summer work" for their Junior Trip credits. However "Bill" Kamp, J. C. Miller, Earl Weiberg and "Carl" Stifel prevailed upon Professor Cox to lead the 1915 Trip.

June 4th saw the little party of five assembled at Denver "raring" to go. The following morning we started for Colorado Springs and arrived there in time to spend the afternoon in the Garden of the Gods. Here "Prof." gave the boys his first good representation of Edward P. Weston and proceeded to make the pace as we hiked among the picturesque and intricately carved granites and sandstones of the "Garden."

June 6—Started in the morning up the Pass and had just seen several unconformities, faults and cross-bedding when snow started to fall. The party quickly hustled some timber, retired to a big hole on the side of the Canyon, built a fire and prepared to outwait the "Beautiful." No such luck, however, for after two hours of this summer flurry we started back.

June 7—Made an early start from headquarters at Colorado Springs and left for Pike's Peak. Took the "Cog" up to Windy Point, elevation 11,000 feet, and disembarked to continue the remaining one and one half miles on foot. After a short walk we met a work gang clearing off the ten or twelve feet of snow-covered Cog Road tracks. Here Weiberg, (so grosse) saw that work-gang fire and decided to stay close to his base from which he could see enough "cirques" and so forth. The rest of the party kept on following the projecting tips of buried telegraph poles standing out about ten feet above the surface of the snow. The going was very good for the first mile, but then the real grind started. During the remaining climb of one-half mile we counted every second telegraph pole and finally every one as we stopped to get our breath and rest against the wind protected sides of the poles. We arrived at the Peak Cabin by noon and there had a most sumptuous repast of—Sh!—Sh!

In an hour we were on our way again and after slipping, slipping and falling in snow and stumbling over hidden boulders, reached Manitou Station in time for dinner. For further details ask "Prof." about sunburnt and sun-cracked lips and Kamp about snow blindness.

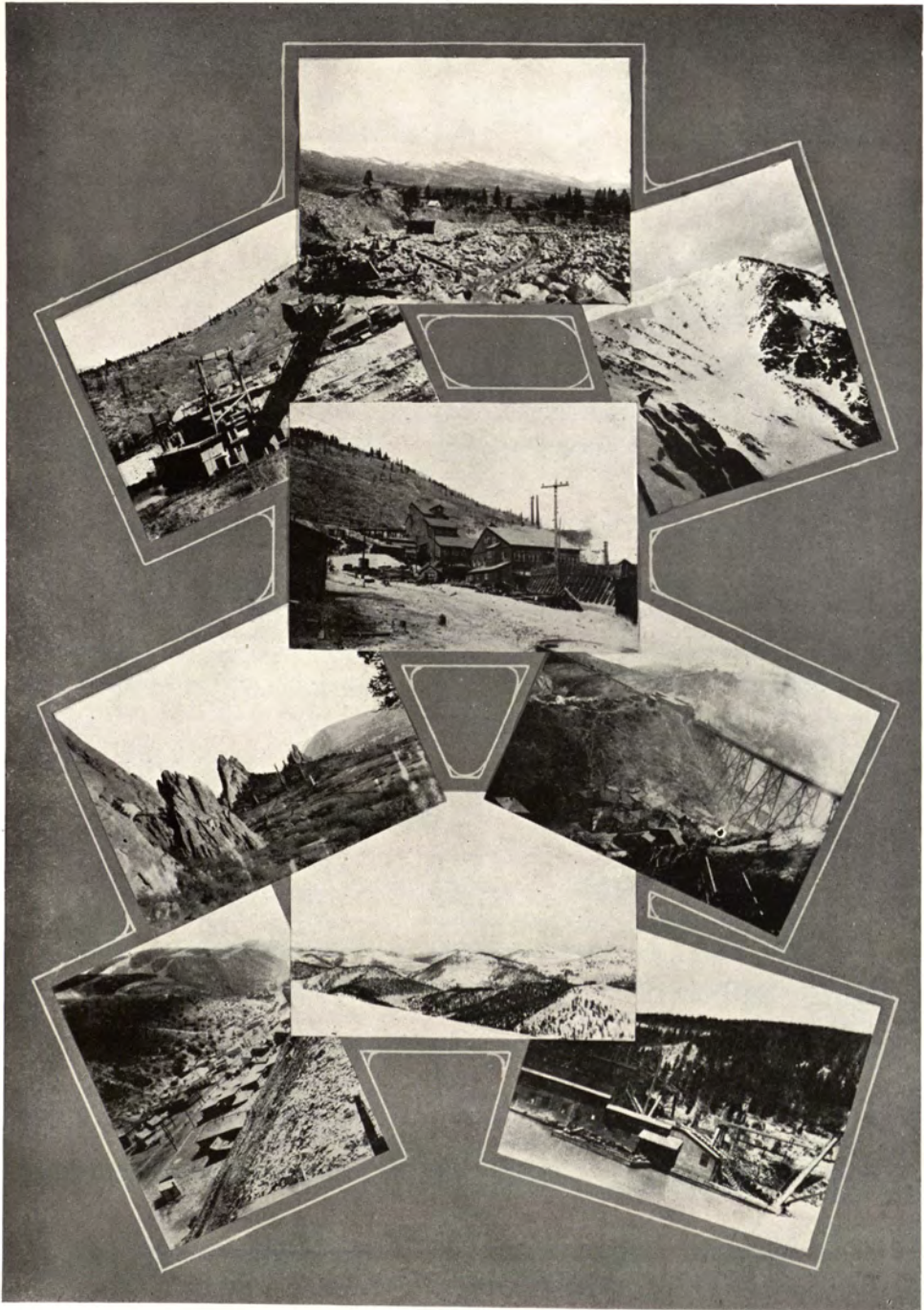
June 8—took a picturesque and interesting hike up Cheyenne Canyon.

June 9—Saw the Portland Gold Milling Company's Cyanide Plant at Colorado City.

June 10—On our way to Leadville and Breckinridge.

June 11—Spent the day at the Wellington Mill and Lead and Zinc Mine. Inspected several dredges and watched some hydraulicing of gold placer deposits. The usual "Quizz" and review by Professor Cox concluded the outlined trip. Kamp left for Idaho Springs and "Prof." Miller and Stifel for Bingham and Weiberg for the World's Fair.

The trip was well worth while and all "Sophs." looking forward to same will not be disappointed this summer. Throughout the entire trip we received the most courteous attention and welcome which speaks for itself of M. S. M.'s reputation in the West.



JUNIOR TRIP

Mine Surveying Trip at Edwardsville

It was on the eve of the last Sunday in May that most of us gathered at the St. James Hotel in Edwardsville, Ill., and sized up the situation in which we expected to spend the ensuing week. There were about thirty or thirty-five of us in all, including an able coterie of Professors and assistants. On the first evening several of our party showed a remarkable facility for locating the most numerous class of business houses in Edwardsville. Whether any pursued their investigations further, who can guess?

On Monday morning we got our transits and caught the car to Madison No. 4, all arrayed in clean white caps and adorned with carbide lamps that shone much brighter than they ever did underground. After being duly introduced to "Dad," we were allowed to proceed with the running of a traverse to Madison No. 2, some of us underground and some above.

Life is full of tribulations and we had our share. The underground surveyors went home at ten the first night, and stayed an hour later each succeeding night until at last a limit was reached at two o'clock, the time of departure of the last car to town. After getting back we had the privilege of waiting in turn for the use of that single bath-tub so dear to the memories of our predecessors, the Class of 1916. For incidents of especial interest, ask Aid how he likes to give back-sight on a sixteen hundred foot shot when his party is a mile ahead; or see Shotwell about the relative safety of leaving a transit set up on a main railway track. Pape won the laurels on the number of "set-ups" under a point, having seven times for one shot to his credit, thanks to that "old gray scutter" of a mine mule.

Oppie Steel was easily the best lunch carrier in the crowd, while Jack Craig was most popular with the waiters. Finally a few hours at mapping and a few more at figuring, and work was done. The Madison No. 2 shaft had been proven to lean anywhere from six to one hundred feet from the vertical.

Socially, the trip was not a great success. None of our party successfully emulated Krebs and Co. also of the notorious Class of 1916. An informal dance on Saturday night was attended by most of the aggregation and served to leave pleasant recollections of Edwardsville society. After all, the trip still brings back happy memories, especially of the homecoming; and we were proud to feel that at last we were really Mining Engineers.



MINE SURVEYING TRIP

Green Cap Day

No one who has not gone through the experiences of Green Cap day can know the feelings of the freshmen, who, on Sunday, September 12, at the fatal hour of sunset, slunk out of town in twos and threes seeking where to rest their weary home-sick heads. He had graduated in the flowery month of June from the Home Town High School with honor and applause; and after a whole blissful summer spent in telling the unfortunates who had not graduated with him how he was going to the Missouri School of Mines to honor that little old school with his strong manly presence, he had boarded the train for Rolla carrying his shiny new suitcase in which was carefully packed that mystic be-ribboned scroll which was to be his "open Sesame" in this new Arabian Nights existence.

But instead of Arabia he had landed in darkest Africa, the land of the barbarous heathenous sophomores! And here he was with the ringing applause of the Old Home Town scarcely yet dimmed in his ears, an outcast. Well! He must find a place to sleep. Some of the more initiated had told him that they would gather at the Fair Grounds to spend the night, so there he would also go. He would show them though that he was no coward. He had with him a blanket that he had borrowed from his landlady, and a few sandwiches. He would spend the night comfortably.

The gang soon assembled at the Fair Grounds, and our Old Home Town hero was lost among some sixty-nine other stars of the first magnitude. He had fallen into the melting pot of old St. Patrick, that alchemist who transmutes base metals, not into gold but into Mining Engineers who search out the golden yellow metal from the rocky depths.

He would spend the night comfortably with his blanket, and breakfast contentedly in the morning on his sandwiches. After all there was romance and adventure in the experience. It would write up well in his letter to the boys and girls back home. He had hid out all night from the sophomores in an old deserted fair ground! That sounded fine! But for some reason he couldn't find quite as much pleasure in it as one might imagine. A cow stall, even though it belonged to a prize cow wasn't as comfortable as mother's bed. The other fellows stole his blanket, played so many pranks and made so much noise he couldn't sleep. Of course he wasn't afraid in a good strong stable like that, but just suppose a snake or a sophomore—!

Well, after countless sleepless ages it was sunrise. He with the others ate their few sandwiches and began to make what plans and preparations they could think of for the coming encounter. By eight o'clock they had marched through town, where they provided themselves with short pieces of rope, and gathered at the south end of the campus in front of Chemical Hall where they



NOTICE!!
SOPHOMORES. BEWARE!!
 Ye Damnable, Driftwood,
 Spineless Belly-Ticks
 AND
 Scum of the Ozarks
YOU!!
 Are a disgrace to honorable
M. S. M.
 We, The Superior
CLASS '19
 hereby challenge the same bunch of Sophomores
BONEHEADS
 It is our duty to remind you Yellow Legged
MISFITS
 Faculty, relatives, friends, doctors and nurses
 PLEASE ATTEND
OMIT FLOWERS



awaited the arrival of the sophomores. They were eager for the fray, for the odds were in their favor, and there was to be an attempt to have a fair fight.

Their confidence and the talk of a fair fight had the sophomores worried. At eight thirty, they, clad in their khakis which from the extreme newness still smelled of mothballs, gathered at the north end of the campus, grim determination written in every face. At a given signal the two classes rushed together in the center of the field, and the struggle to tie each other up began. Soon the field was a surging seething pile of humanity, from which was dragged every now and then one of the exhausted participants bound hand and foot.

For a time it seemed that the freshmen would win, for a majority of those being carried out were clad in the odorous khakis, now sadly soiled. But strange as it may seem they were soon back in the fight and after thirty-six minutes the freshmen were as usual serenely tied up.

After they had rested awhile and the sick and wounded had been attended to, they were trussed up in a long line, and as usual decorated with a liberal helping of green paint and painted signs. They were then led to Jackling Field where they were put through the usual stunts of singing, molasses fights, dancing, running the gauntlet, etc., to the great amusement of the upper classmen and general public. It is to be regretted that some variety or originality can not be brought out in this part of Green Cap Day.

The stunts on Jackling Field being over, the freshmen, now thoroughly tamed and initiated were marched down to Heller's to be topped with the green canopy of ignorance. But the climax of the day was denied us, for the green caps had not yet arrived. The freshmen were then disbanded with the admonition to put in an appearance en masse at the smoker to be given in their honor that evening. And thus ends the story of the day.

[illegible]

St. Pat's Day

It seemed as if the weather of St. Pat's Day, March 17, 1916, was made to order. This, together with the elaborate preparations which had been made by all of the committees in charge of the various activities on this "Red Letter Day," could spell nothing but a big success from start to finish. After weeks of unprecedented planning, the committees were at last in a position to show the results of their labor.

Like all other St. Pat's celebrations, the day's activities commenced with the monster parade at 8:30 A. M. Some twenty-five to thirty floats were in line when the signal was given to start. The newly recruited Dutch Army led the long procession. Brigadier General Dawson and Lieut.-Col. Massey kept them from falling out of step and fulfilled their part in regulation style. Following them, came the St. Pat's portable throne and which the high priest of the Engineers ascended as soon as he arrived from Ireland.

The Goddess of Liberty float, featuring the Co-Eds of M. S. M. came next and showed that the girls were with us again in their endeavors to make the day a success. The Grubstakers' replica of a camp was a cleverly gotten up float, as were also the ones representing all the branches of mining and allied industries. Prof. Dean's powerless motor was displayed with the veiled hope that the precious juice would some day be forthcoming.

After the Patron Saint had been heralded in by means of the Brandenburger-Imlay 42 centimeter gun, he and his attendants were handed the keys to the city and were installed on their float with due ceremony and pomp. The procession then wended its way through town and returned to its starting point, and the crowd adjourned to the steps of Parker Hall.

St. Pat Reilly was equal to the huge task before him. He opened the services by ordering his subjects to "Kow-Tow." He then launched out on his address, a fatherly sage-like welcome to the assembled multitude. His jests and admonitions were excellent and gave the large crowd much merriment. After he had conferred the diplomas of the Loyal Order of the Sons of St. Pat, upon some forty seniors, as well as upon Professors Wilkinson, Frame, Rischer and Dennie and Messrs. K. V. Moll and F. L. Johnson of the alumni, St. Pat concluded this portion of the program with a farewell speech. He gave some more good advice to the newly created Knights, ordered another general "Kow-Tow" and departed.

The attendants of St. Pat were Messrs. Scruby and C. Heimberger, and his Secretaries were Messrs. J. K. Walsh and Robt. Lyons, with Masters McRae and Gottschalk acting as cloak bearers.

The Minstrel Show in the afternoon was a success from the word "go." The house was packed long before the time for the show to begin. The first offering was a sketch taken from ideal student life by R. C. Henschel. Householder, Deckmeyer, Scruby and Goldsmith handled their parts to perfection. Ebmeyer and Greenburg put on a dancing stunt of more or less merit between



acts. Bates and Bohart after exchanging repartee surprised the audience with a little "trick play." Many are still wondering how it was done. Massey and Dawson, in the "Strong Man" act, proved that the mining profession creates a tremendous muscular development. The wire held however and Tommy Dawson is still thanking his stars that he is still alive.

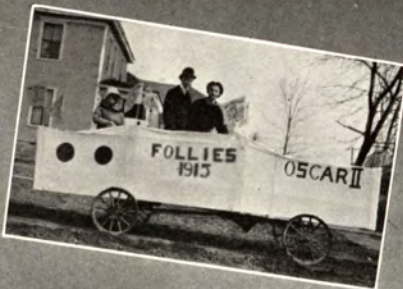
The big feature of the afternoon's entertainment was the Minstrel Show with Bates, Murphy, Goldsmith and Deckmeyer in the role of end men. Stoner, as interlocuter, ably upheld his end of the show. The jokes were for the most part new and good, especially those on the C. E. department.

The big event was of course the Mask Ball in the new Jackling Gymnasium. The large Gymnasium had been decorated in magnificent style for this occasion. There were cupolas of streamers, artistic stringers woven together to give the appearance of lattice work in all sorts of colors with the national color of Ireland playing the leading part. The throne for St. Pat and his queen was situated in the north end of the hall while the orchestra was housed in the northwest corner among palms and other kinds of shrubbery.

The maskers began filling the hall at 8:00 o'clock and by 9:00 o'clock it was crowded. When St. Pat and his queen, Miss Mary McCrae, entered at 9:30 everybody "Kow-Towed" and stayed in that position until the Great Engineer and his Queen were installed on their thrones. Miss McCrae was then crowned queen.

The dance was a success from the start. In the Grand March, which St. Pat and his Queen reviewed, there were close unto one hundred and fifty couples. With the wonderful music rendered by Cicardi's Orchestra of St. Louis, it was small wonder that the dancers did not cease dancing until early Saturday morning. Hundreds of spectators were also present in the galleries. Everybody enjoyed themselves to the limit, and in that frame of mind they departed, and the St. Pat's of 1916 had become a pleasant memory. We'll await you again in 1917, St. Pat!





M. S. M. Booster Banquet at St. Louis

When the idea was conceived to have a holiday get-together meeting of M. S. M. students, alumni, faculty and ex-men, it was not hoped to be the brilliant success which resulted. Realizing that many of the old Miners were scattered broadcast throughout the country, that most of the students would have returned to their homes in other cities, a banquet attended by fifty to seventy-five men would have fulfilled all expectations. As it was, there were one hundred and eleven present.

Many of the men who could not attend the banquet wrote in and expressed their regrets, even offering to help financially to make the event a good one. There were men present who attended school when the Missouri School of Mines was practically only an experiment. There were men there who had achieved success in the mining world, who were glad and proud to become acquainted with the coming engineers. There were men there from Rolla, representing business men of the town, who showed their M. S. M. spirit, and came as "Miners."

It is this spirit, this "pull-to-gether" spirit, that established the annual booster banquet. It showed the enthusiasm, it showed the willing co-operation, that should be in every true well wisher of the school.

It was a pleasant sight upon entering the American Annex lobby on the night of December 29, 1915, to see the group of eager and enthusiastic Miners, who stood about and renewed old acquaintances. There was real pleasure to shake hands with the "old timers," to hear their tales, and answer their numerous questions. On arriving at the eleventh floor the same sight met the eye. Here was old '76 chatting with a younger '19; here an old ex-man, perfectly at home with his old classmates.

And the thunderous bursts of the "Miner Song" that rolled along the corridors, and boomed down the elevator shafts, made even the bell hops eleven floors down glance up in admiration.

Promptly at 9 o'clock toastmaster "Jack" Ingram led the way into the banquet room. The room was decorated in orange and white, and many an "old timer's" eye brightened, and his smile broadened on seeing the huge "Miners" stretched across the walls.

Of the banquet proper little need be said, for the "American Hotel" is sufficient to vouch for its excellence. Toastmaster Ingram opened with a toast to M. S. M., which was eagerly responded to by all. Between courses a very charming cabaret sang popular songs and entertained very pleasantly.

Senior Banquet

As this Banquet had not been held at the time of publication of the Rollamo, we can do nothing but refer you to late accounts of the affair as set forth in the St. Louis Newspapers. It is to be deplored that it is impossible to hold this banquet earlier in the year, but conditions of program and menu exist such as to entirely preclude this happening.

Junior Banquet

After taking in the Rollamo Picture Show, April 28, 1916, the entire Junior Class with the exception of Pape, paraded down to Johnson's Hall where an elegant banquet had been prepared under the management of the following committee: Ambler, Reilly, Herivel, Horner, Lyons, Burkhart, Shipley, Young, and J. K. Walsh. Nor were their efforts to provide a good time, in vain. At 9:30 the "here's to the best Mining School in the Country" given by Toastmaster J. K. Walsh, was responded to in lusty cheers. Director McRae gave a short talk, which was as usual well applauded. Among the speakers were H. A. Buehler, State Geologist, Professors Barley and Forbes and members of the Junior Class. The Senior, Sophomore and Freshman classes were respectively represented by Messrs. Miller, Stoner and Bohart. Services were disbanded towards morning and each Junior retired to study for the Geology Exam shortly following.

Sophomore Banquet

On the night of April the eighth, the Sophomores assembled en masse to review the past and vision the future at their annual class banquet. Toastmaster H. Smith Clark at once chased the gloom, and caused an atmosphere of good fellowship of '18 to welcome the occasion. To feed is to entertain, it has been said. Every man was highly entertained. The Sophomores were honored by the presence of Director McRae, Doctor Barley and Professor Dean. Messrs. E. A. Miller and T. C. Gerber were guests from the Senior and Junior classes respectively.

Faculty Football Game

FIRST QUARTER

Doc McRae received the kick
And tore off fifty yards,
Until an end grabbed both his knees,
When he knocked down the guards.
Anderson broke through the line
And added fifteen feet,
A cross buck plunge by wild eyed Dake,
Was surely hard to beat.
Left half Bowen tore off a run
Of forty yards or more,
Then Jack caught a pass and crossed
the goal
For a good old heavy score.

SECOND QUARTER

Cheerful Forbes then caught the kick
And gathered up his skirts,
And when he hit the tackles,
There were a brace of ruined shirts.
R. Dean then pulled a "barry,"
By fumbling with the ball,
And in trying to recover,
He received a nasty fall.
His temper then excited,
He sent right half through guard,
But Gottschalk slugged and held his man
And his playing then was barred.
Right half Harris plunged in where Doc
Had made a great big hole,
And with a man on either leg,
Staggered across the goal.

THIRD QUARTER

Clayton then was put in play,
And made a healthy guard,
He held the line at every time,
And always hit it hard.
This quarter though, was noted,
And dirty work was pulled,
Radcliff kicked a runner,
And from the game was rulled.
Doc tore off a brilliant run,
But a penalty incurred,
Gotty scrapped the umpire,
And an argument occurred.

FOURTH QUARTER

Dean then called a tricky shift,
A nifty little play,
A criss cross buck that hit the line,
And helped to win the day.
Cox broke through—until knocked out
On their yard line, twenty-five—
With his cleavage structure much
destroyed,
He barely was alive.
Garrett took his place at left,
And cross-bucked through with speed,
Until the score was eighteen to—
With the faculty in the lead.

The Passing of Charlie Parker

They say times seldom change around the town so slow;
The old boys know each place and every face,
Yes, every girl we know,
But one surprise awaits the old "grad" who returns
When he comes back to view what once he knew,
For which he sometimes yearns.

One institution's gone whose well deserved renown
The ancient love instills, the memory thrills
For evenings spent down town,
One cheery smile is gone, one hearty voice is want;
No Charlie meets you at the door as once of yore
In that familiar haunt.

For Charlie's place has changed and has another staff.
You still can stop and bowl, you still can roll,
But no more rolls the laugh,
And no more rings the song, or whistles out the tune,
That used to cheer your smoke or help your joke
In ages past too soon.

JOHN STAFFORD BROWN



Lyceum and Picture Show

The Lyceum Course for the season of 1915-1916 has been a very successful one from all points of view. The talent that we have succeeded in obtaining has been of an extremely high standard, and we feel safe in saying that every one has been more than pleased with what we have had to offer. The selection of this course has not rested with us and we can do no more than thank the 1915 Rollamo Board for the very excellent program that they had arranged for us.

The Friday and Saturday night picture shows have also been a very gratifying venture, especially in the revenue they have afforded. The cordial and hearty support of the Student Body as a whole speaks very well, not only for their supporting spirit, but also for the high class nature of our offerings. That this was largely due to the new picture machine that we received must be conceded and we wish to extend our hearty thanks to all who were connected in its acquisition.

Degrees Awarded

ENGINEER OF MINES

George Hewitt Boyer, B.S., 1908.

Charles Adrian Burdick, B.S., 1910.

Arthur Harrison Cronk, B.S., 1912.

Robert Emmett Dye, B.S., 1912.

Edward Dale Lynton, B.S., 1912.

Vachel Harry McNutt, B.S., 1910.

Edwin Bryant Thornhill, B.S., 1908.

Maurice Merton Albertson, 1911

BACHELOR OF SCIENCE IN MINE ENGINEERING

Willard Miles Benham

Horace Herbert Clark

Lester Merriken Cummings

Theodore Saunders Dunn, B.S., 1910; M.S., 1914

William Elliot

Roy Watson Griffin

John Warden Shotwell, Jr.

Homer Mavin Wilson

Daniel Webster Blaylock

BACHELOR OF SCIENCE IN METALLURGY

Albert Leo Trent

BACHELOR OF SCIENCE IN CIVIL ENGINEERING

August Wilhelm Gleason

Clinton Dewitt Smith

Sidney Raymond Hatch

BACHELOR OF SCIENCE IN GENERAL SCIENCE

Reginald Scott Dean

Abe Lew Kaplan



Guy



This is "Pat" Hoo.



Whither goes thou - Ole?



"Hully gully"



Eight feet "hugs"



They beat the band.



"Loud noise, blank cartridge."



Shoveling snow and —



Why the smile - Sunbeam?



"Flotation"



Sandwich men.



A "cute little fat fellow"



Terry and his friend.



Some "hugs"



JOKES

Flow Sheet

Dry Grinding Process for the Production of Mining Engineers

Start with
80 (hogs) heads of "Raw" ore.

Crush through Entrance Requirements Mill. (set wide)

Pass through Class-Fight screen.
add The Seven Rules of Prof. Jack's Dry mix
Punctuation

Under size. Middlings. Over size
To Dump! Into Mixer (Fresh-Soph smoker)
Grind for one Semester (dry)
Screen thru 2nd semester Finals

Under size Middlings Over size (too dense)

Let stand over summer to aid enlargement of Grain (of common sense)
Add 2Xdx of Calcic acid in Trigonal tristetrahedral crystals
in "wooden" Frame tanks

Agitate for two semesters with Dean's "Hot Air" Agitator—Volatile, Blue gas,
harmless

Pass through Rollamo Jigs to concentrate (on fussing)

"Sands" "Slimes"

Dry in Faculty Driers Concentrate on Office Carpet

Dry-Grind for I semester Refined slimes Tail-Enders

Screens More Gas!!! To dump
Over size

Mix with Geology and Physics

To Dump Or Stir with Harris's Hydraulic agitator

Pass through Garret's Mechanical "Settler"

Fuse into solid mass in Saint Patrick's scrucible

Crush through a Dake's "mill" (lab. size, dry)

After standing three months pass through Cox's "Economic" Separator

Over "C"(ize) Under "C"(ize)

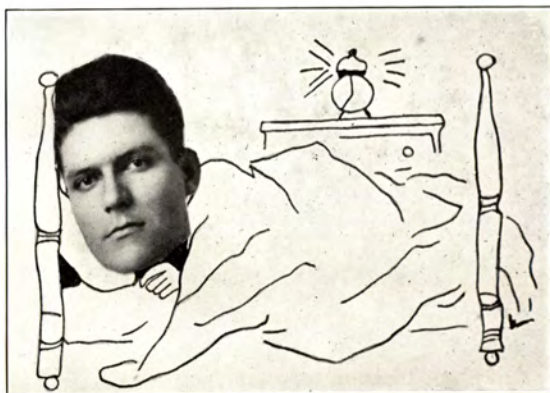
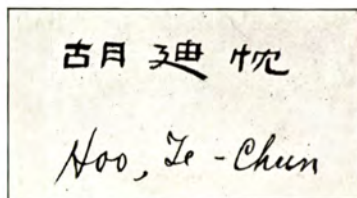
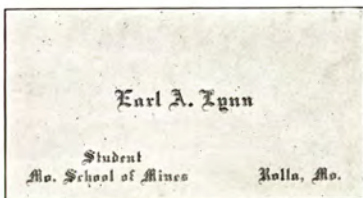
Grind and agitate (with fear) To dump

Pass through Senior Finals

"F"(iness) "M"(iddles)

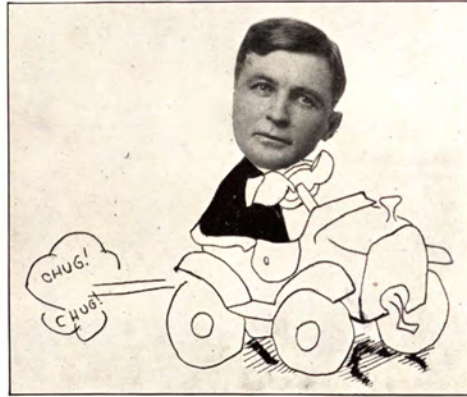
Through Commencement Polisher
To Market

A. T. Dunham, '16.



Uses of a Degree

- (1) Excellent for calling cards.
- (2) Stupifies and excites the common herd.
- (3) Very beautiful framed.
- (4) Always spring it when applying for job or position.



AMIGHTY MAN IS HE(?)





THE FRESHMANS THANKSGIVING.

"Kid" Wilson asking about Bunch's Tonsorial parlor: "Do they feel with the tonsils?"

Jee: "Oh! look at the tiny little cat."

Kayser: "Naturally. It's a small one."

Soph: Professor Cox was certainly mussed up by that bull while out turkey hunting."

Fresh: "What did he do? Shoot the bull?"

ECONOMIC GEOLOGY.

Neustaedter: "What kind of rock is this?"

Prof. Cox: "It's a granite."

Neustaedter: "Does it contain quartz?"

Cox: "What is the evidence in the Butte District?"

Gold: "Fine grained minerals."

Cox: "What kind?"

Gold: "Like argentiferous galena, although there isn't any present."

GEOLOGY FINAL.

Dip Fault— fault that slides down the dip.





Definition of Palentology on Geology Final: "Study of the theory of the formation of the solar system of the earth, or the science of the prehistoric fossils."

Deutman while visiting in Springfield exclaims: "Kiss me sweet Geniveve, but was sadly awakened.

A boob in Chemistry: Geib titrating NaOH against NH_4OH .



Prof. Frame: "If you are in a room from which no light can enter, you can see nothing."

Kayser—in Geology, "What State is Chicago in?"

Prof. Mann: "Darn it, there must be a hole in my pocket, my money seems to fall through."

Prof. Dean: "Huh! there must be a flotation machine in my pocket, my money never reached the bottom."

(Note. Fred must have made another flotation installation.)

In St. Louis while making arrangements for the Booster Banquet, Ingram was introduced as follows:

"Mr. Brown, Prof. Ingram."

Mr. Brown: "Are you practicing in St. Louis?"

(As to what Jack was practicing we leave to you.)

IN QUANTITATIVE.

Kern: "Why don't this dissovle?" (It was coal.)

Reginald: "My dear young sir, why don't you use your common judgment of Minerology?"

RISHER'S DEFINITION OF THE EQUATOR:

'A great circle containing 360 degrees and perpendicular to the axis of the earth.'

(How many degrees do circles ordinarily contain?)

THE ST. LOUIS REPUBLIC.

SUNDAY MORNING, MARCH 26, 1916.

KOWTOW!



Soph: "University of Pittsburgh has one of the best teams in the East this year."

Fresh: "Do we play them this year?"

St. Peter: "And who are you?"

Candidate: "A college student."

St. Peter: "Did you take your college Annual?"

Candidate: "Yes."

St. Peter: "Did you pay for it?"

Candidate: "No."

St. Peter: "Down!"

WHO'S WHO	WHERE FOUND	WHAT DOING
A. T. DUNHAM	Library	Raising Mustaches.
J. HOFFMAN	Never when wanted	Raising one (1) mustache
G. E. EBMEYER	"Beer Saloons"	Sassassity Reporter
N. E. RITTER	Wood-work Shop	Building "Hope Boxes"
H. J. TEAS	Salem Avenue	Unknown
N. M. LAWRENCE	Hard to say	Writing legal letters to livery-men.
H. R. STAHL	Everywhere	Telling naughty tales
OLE NEVIN	Fair Grounds	Getting away with it
T. P. F. WALSH	Dr. Barley's Office	Student Assistant in English
WOODROW WILSON, No. 1	In the sticks	Denying his relationship to President Wilson. Carving G. B. W. on anything handy
WOODROW WILSON, No. 2	Swimming Pool	Learning to swim (?)
FRITZ HEMAN	Studying (?)	Doesn't know
J. J. KREBS	On Jackling Field (after dark)	Wearing out overcoat
J. SCHUMAN	In or near Schuman's Limosine	Waiting for a new suit of clothes to have Rollamo picture taken



Soph: "Say, why do they whitewash chicken houses?"

Fresh: "Don't know. Give up."

Soph: "To keep the chickens from picking the grain out of the wood."

We were pleased to note Klepel has joined the Y.M.C.A. This may at least be construed to imply that he has at *last* decided to turn over a new leaf.

Harry Heimberger distinctly remembers his changing from young manhood into young womanhood; at least so he said in the midst of a heated argument the other day.

HEARD IN ELECTRO-METALLURGY.

Deutman: "How do you convert contigrade to specific gravity?"





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CHARLES GOLD.

(Secret Ag't.)

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Diary of “?”

February 3. Got off a pretty good stunt on the class this A. M. Unexpectedly dropped a test on them that was a corker. Few passed. Will flunk the rest next time.

February 4. Out of red ink!

February 8. Posted a notice that the first eleven laboratory exercises would be due on the 9th. Have had a great deal of difficulty in making the laboratory exercises harder than last year, but was fully repaid by the worried looks of the students when they read the notice.

February 11. Three men completed the exercises. Will dock the rest 50%.

February 12. Out of red ink! Held my own in argument with X. Y. He was right but had to uphold my dignity.

February 13. Have completed my file of emergency examinations. Now, in case I should be taken sick or die, my assistant has his instructions to fire them at the class until a new professor is appointed. Am pleased with the idea.

February 15. X.Y. giving me trouble again. Have decided that he stands absolutely no chance of passing the course.

February 17. Have been complemented again by Prof. ——— on my original method of grading. So simple and yet gives the student no chance to get next. Will confide in you, my dear Diary, how I do it. “Size of student’s hat divided by size of his collar multiplied by number of *gold* filling he has in his head. If he wears celuloid collar—bonus of three per cent.”

February 28. Out of red ink again!!!

March 17. Department kicked on my red ink bills—told them I couldn’t mark papers without using it.

April 2. Flunked A.B. He had only answered 47 of the 48 questions on laboratory exercises No. 17.

April 7. Feel better. Gave the class a list of 350 long names to memorize. They didn’t like it.

April 11. Out of red ink!!!!

IN MECHANICS.

Garrett: "There is no excuse why you haven't the time to work this problem."

Walsh: "I have an excuse, Professor."

Garrett: "Well, what is it?"

T. P. F: "I'm a student assistant in English, I am."

Garrett: "Oh! You are, are you?"

(T.P.F. worked the problem.)

DURING CHRISTMAS HOLIDAYS IN METALLURGY. LABORATORY.

Ehlers: “What does 100 ounces of water weigh? and isn’t 5% of a hundred equal to 20?”

Ashdown: "Why is a sheet of writing paper like a lazy dog?"

Beyer: "It'h beyond me, Sheet."

Ashdown: "A sheet of writing paper is an ink lined (inclined) plane, isn't it, and an inclined plane is a slope up (slow pup) yes? Well isn't a slop pup a lazy dog?"

Spank! Spank! (Ashdown getting paddled.)

Jimmy Allen's suggestion for the Rollamo Letterhead:

ROLLAMO

Published annually by eleven dampfools who didn't have sense enough to resign when they were elected.

Why is Vogel like a period?

Because he butts in at the end of every sentence.

Koch: "Why don't you shave, Greene?"

Erskine: "Oh! I am just exercising my senior prerogatives."



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Great falls, Mont.,
August 13, 1915

Mr. H. A. Neustaedter,
Rolla, Mo.

Dear Sir:

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Yours most thankfully,
GUNNARD E. JOHNSON.

St. Louis, January 1, 1916.

Neustatedter Chemical Works and Hair Plant,
Rolla, Mo.

My Dear Mr. Neustaedter:

From infancy it has always been my most cherished hope that some day I should be the proud possessor of a huge and flowing mustache. I will admit that up to the time of trying your famous Whisker Food, I had despaired. I have tried ALL, (I do not exaggerate) every known kind of mustache persuader on the market, and I admit I had failed dismally.

However, a friend, Mr. L. Erskine, recommended your lotion and I tried it. I will admit with but scant hopes. I am more than satisfied. The abundant luxuriant growth on my upper lip fully rewards my patient years of trial and fully testifies to the efficacy of your wonderful remedy.

Yours very truly,
J. J. ALLEN.

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“Trite in it's arguments why the professor need not instruct”—Rolla Republican.

“The extreme delicacy in handling questionable situations, the unprecedented lack of anything akin to complexity or confusion in explaining unusual phenomena, and the abundant marvelous word pictures, places this work in a class by itself. It should prove a great favorite to both young and old”—Sappy Stories.

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S A N I T A R Y

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SEPTEMBER

- 1-5—Students arrive on every train.
- 6—School Opened. Business of shaking hands all around and numerous surmises about what was the matter with the upper lips of the Seniors.
- 8—Freshman Proclamations appeared.
- 9—Sophomore Proclamations appeared.
- 10—City Police Force attempted to preserve Law and Order. General consensus of opinion; "He was unsuccessful."
- 11—Neustaedter shaved off his mustache.
- 13—An unlucky one for the Freshmen. Green Cap Day with the usual freshmen performers. Smoker at night by Sophomores.



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SEPTEMBER

16—Delivery was made on the Kappa Sig's Ford Roadster.

17—Sigma Nu Dance.

18—Sunday.

21—Phelps County Fair started. Poultry exhibit greatest attraction
for students.

Pipe and Bowl Hay Ride and Dance.

22—Mucker's Fire. Considerable damage.

24—Pi Kappa Alpha Dance.

28—The Hawk almost got Jack Doyle.

OCTOBER

- 1—Y.M.C.A. Smoker. Fine time. Football M.S.M., 41; Kansas State Normal, 0.
- 2—Kappa Sigma rush party. "500" played.
- 4—Grotts took a bath.
- 7—Circus came to town.
- 9—University of Illinois, 75; M.S.M., 7.
First Rollamo Picture Show of the year.
- 10—Sunday!
- 12—Dunham shaved off his mustache.
- 15—M.S.M., 51; Springfield, 20.

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OCTOBER

16—Rollamo Picture Show. Fine attendance.

21—First Lyceum Show. Ada Roach and Co.
M.S.M., 3; Texas, 30.

22—Pi Kappa Alpha Party.

23—Sigma Nu Hay Ride and Party.

23—Wilton Lackeye in "The Pit." Rollamo Picture Show.

25—Nathaniel Lawrence writes legal letter to local liveryman,
concerning said liveryman's right to rent horse to one
Nathaniel Lawrence.

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- 26—Jack Krebs shaved off his mustache.
- 27—Pipe and Bowl dance.
- 29—M. S. M.—36. Kirksville—7.
- 30—Hallowe'en Masked Ball.

NOVEMBER

- 1—Lumaghi killed a turkey.
- 3—New motion picture machine arrives.
- 6—Miners 26, Drury 6. Football.
- 13—Unlucky day for freshmen.
Sophs 20—Fresh 7. Class
Football. Lyceum Show No.
2. "Novelty Four."



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NOVEMBER

18—Senior-Freshman; Junior-Sophomore Gym nights inaugurated. Dunham shaved off his mustache.

19—Miners, 13; Warrensburg, 7.

29—Walter Howard Askew.

24—Pi Kappa Alpha Dance.

25—Turkey Day! Elfred got married.

29—All back at work.

30—Lyceum Show No. 3, "Jess Pugh and Co."

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DECEMBER

- 1—Big bunch out for Basketball.
- 5—Came and want!
- 7—Beeghley appeared in Rolla.
- 9—Imlay elected 1916 Football Captain.
- 10—Lyecum Show No. 4. "Schildkret's Orchestra." Great!
- 16—Pi Kappa Alpha Dance.
- 18—Xmas Hollidays begin.
- 20—M.S.M. Booster Banquets at American Annex, St. Louis,
and in Joplin same night.
- 30—Joseph B. Cole Marries.

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JANUARY

2—T. J. Canavan, Jr.

3—All back to school again.

7—Basketball, M.S.M., 18; McKendrie, 23.

10-11—Terrible Rain. Who said Rolla was dry?

11—Ebmeyer thinks we will have daily Mass Meetings.

Lots of pep, Eb.

Junior St. Pats Committees appointed.

15—"A Fool There Was," Parker Hall.

The town was full of skates, ice and otherwise.

19—Klepel joins Y.M.C.A. Fine work, Klep!

22—Rollamo Dance.

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25—Second Semester starts.

30—Sleet storm hits Rolla. Wires down. The town is sure dark.

FEBRUARY

2—Ground Hog sure saw his shadow.

4-5—Theta Tau installs chapter in M.S.M.

12—Schmidtonian Glee Club entertains large crowd in Parker Hall.

17—Lyceum Entertainment No. 5. Thomas Brooks Fletcher.

18—Pipe and Bowl Dance.

19—Rollamo Dance.

21—Basketball, Miners, 46; Wesleyan, 23.

22—First rehearsal of "Bricks and Barons."

25—Pi Kappa Alpha Dance. Basketball, Miners, 35; Marionsville, 17.

26—Theda Bara in "The Devil's Daughter," Rollamo Picture Show

MARCH

3—Kappa Sigma Dance. Charlie Chaplin in "A Night In the Show."

6—Last Lyceum Show. "Concert Entertainers."

9—Basketball, Miners, 31; Drury, 20; Freshies, 37; Sophs, 12.

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St. Louis, March 23rd, 1916.

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Rolla, Missouri.

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I think your publication is getting better with each issue, and I do not hesitate to say that every alumnus should be on your subscription list, and feel assured that all would be as pleased with the paper as I am. Your last issue, printed in green, was certainly a fitting tribute to the great St. Patrick.

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MARCH

- 10—Roller Skating Rink hit town.
- 13—Tau Beta Pi Banquet.
- 16—Sigma Nu Dance.
- 17—St. Patrick's Day. The best ever.
- 18—Athletic Association Dance.
- 25—Theta Tau Banquet.



APRIL

- 1—Rollamo goes to press (not an April Fool joke).
- 5—Winnie Stuart and Co. Concert Entertainers.
- 27—"Bricks and Barons," Parker Hall.

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Dewaters, Roy Hayward, B. S., '0*Argo, Ill.*
Chief Chemist, Corn Products Refining Co.

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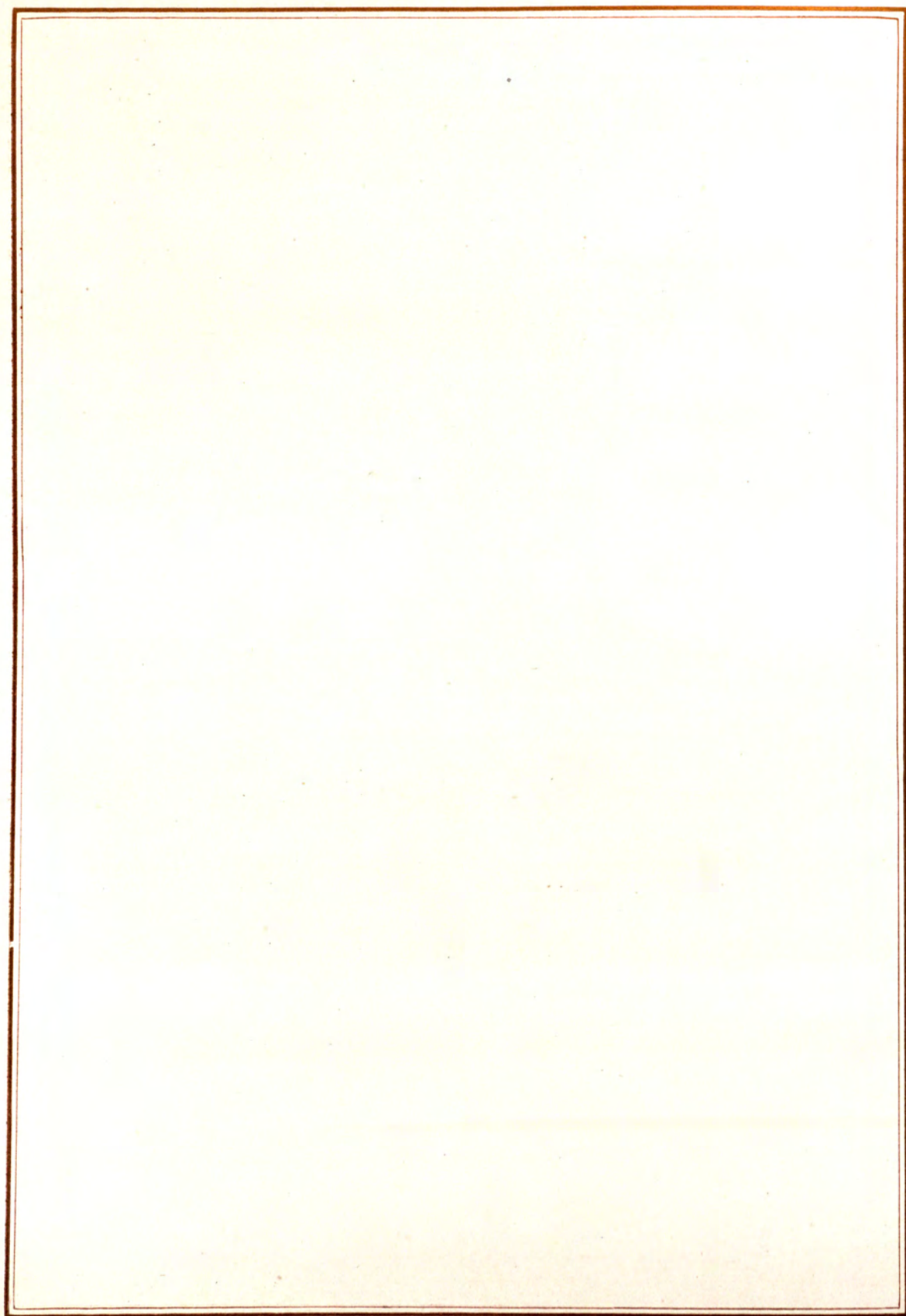


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